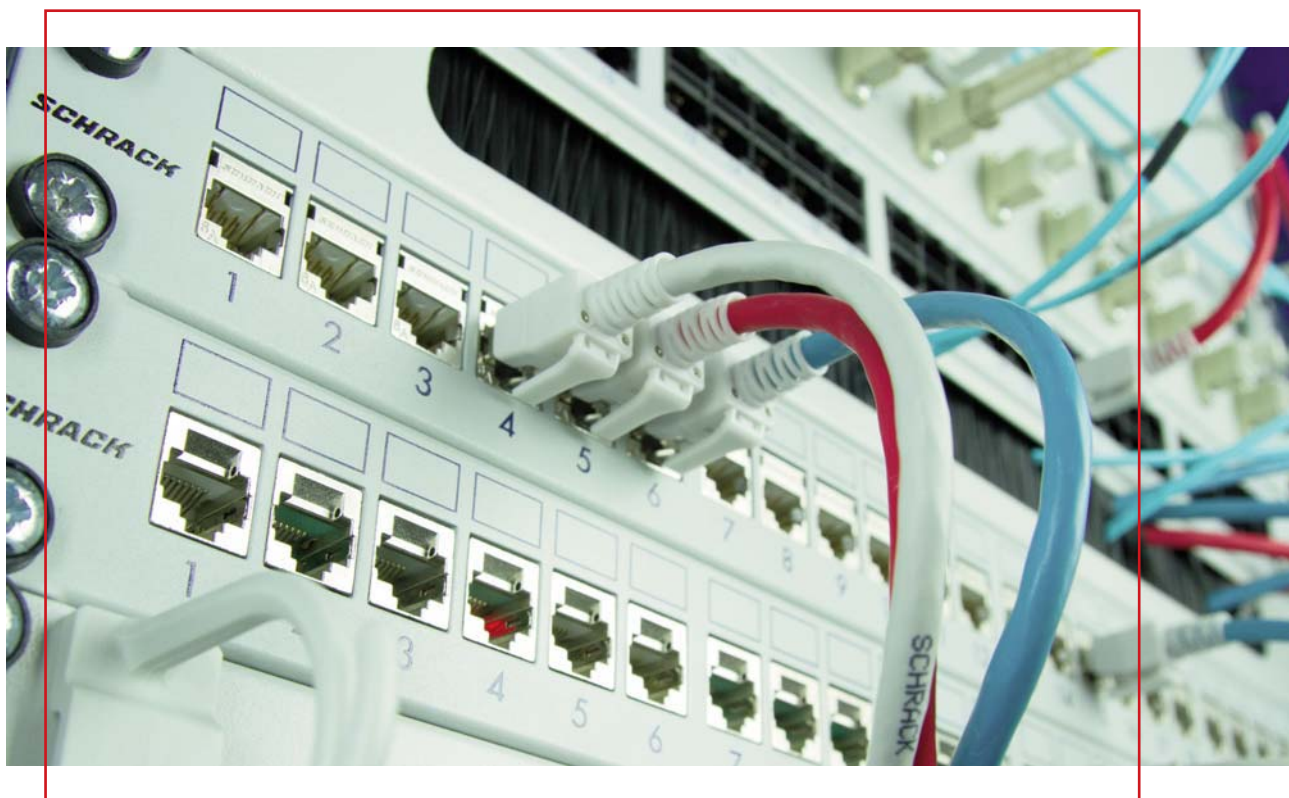


CONNECTING COMPETENCE.



NETWORK TECHNOLOGY

MOBILE AND ONLINE SHOPPING!



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LIVE-PHONE APP



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WWW.SCHRACK.COM

INCL. AVAILABILITY INFORMATION



EX STOCK

TOP WAREHOUSE MANAGEMENT IN OUR DISTRIBUTION CENTRE NEAR VIENNA

The new Schrack distribution centres is located just outside Vienna. The prominent appearance of the building with its unmistakable Schrack design highlights all product characteristics which are handled logistically in its interior. We consider availability the number 1 factor for your economic and business success!

- Over 12,000m² indoor storage space and an outdoor cable storage space of 2500m²
- More than 15,000 items are stored ready for shipping
- Professional warehouse management by our top-trained staff



Look out for the icon signalling prompt availability for delivery

GENERAL INFORMATION

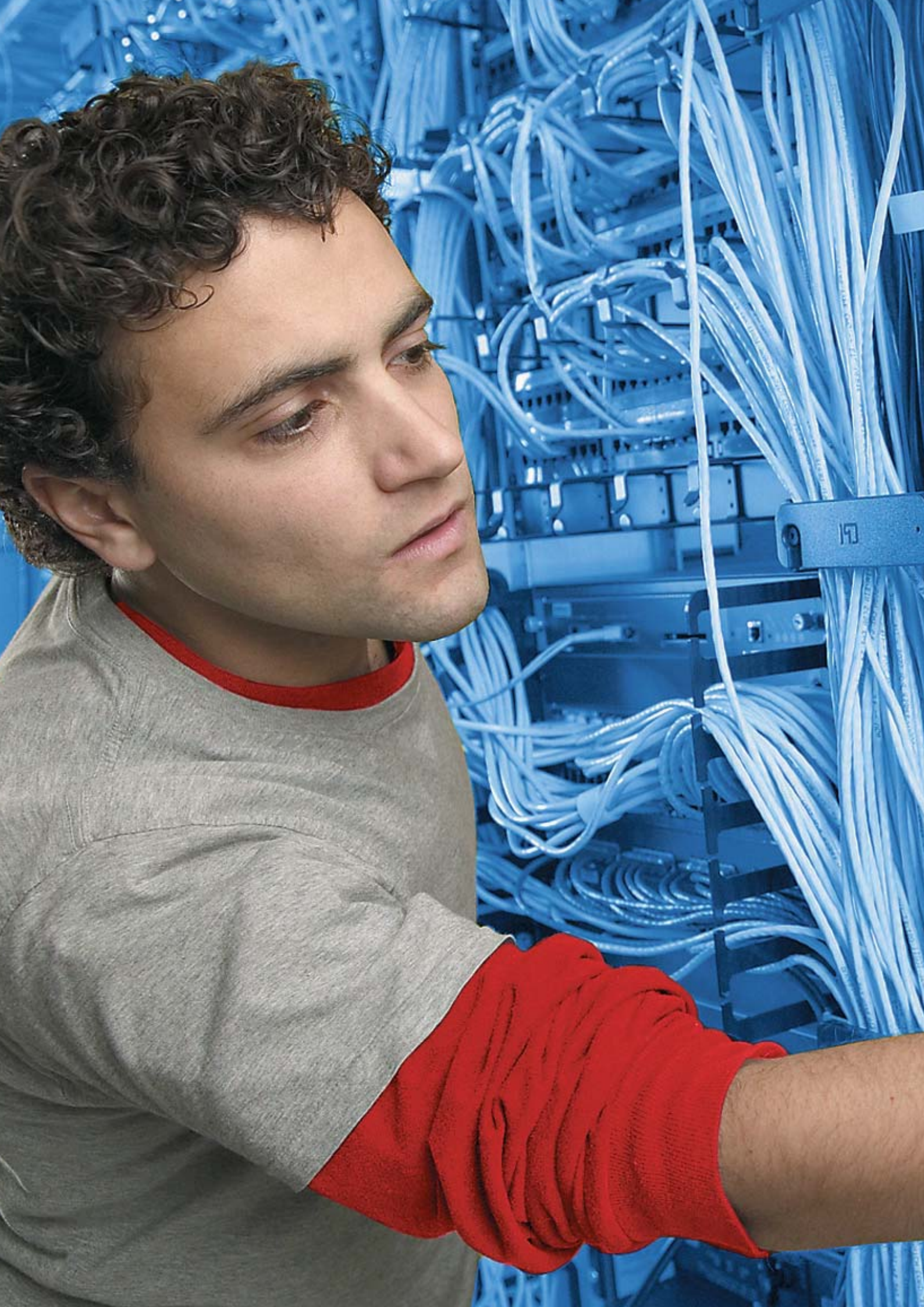
- All **dimensioned drawings** are displayed within the confines of available space on the page and are only intended as a guide.
- All **circuit diagrams** are schematic wiring diagrams which are intended to allow better understanding of the function, and will need to be edited/added to during the course of project planning.
- All **images** represent samples of the product and are intended for information purposes only.

Unless otherwise stipulated, the current version of the General Terms of Delivery issued by The Association of the Austrian Electrical and Electronics Industries "FEEI" shall apply. You can find a copy of these at the end of this catalogue.

No liability for errors in text, type or images; we reserve the right to make changes to technical specifications of the product range.

The user information contained in this catalogue reflect the opinion of the company at the time of writing. The information contained in it was assembled on the basis of published norms, specialist industry presentations, specialist literature and in-house expertise. The content is for informational purposes only and has no validity in law.

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■ LED LINK LINE Cat.6 _A – STP System Modular	Page 58-75
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■ DE-EMBEDDED LINE Cat.6, Cat.5e – STP & UTP System LSA	Page 88-115
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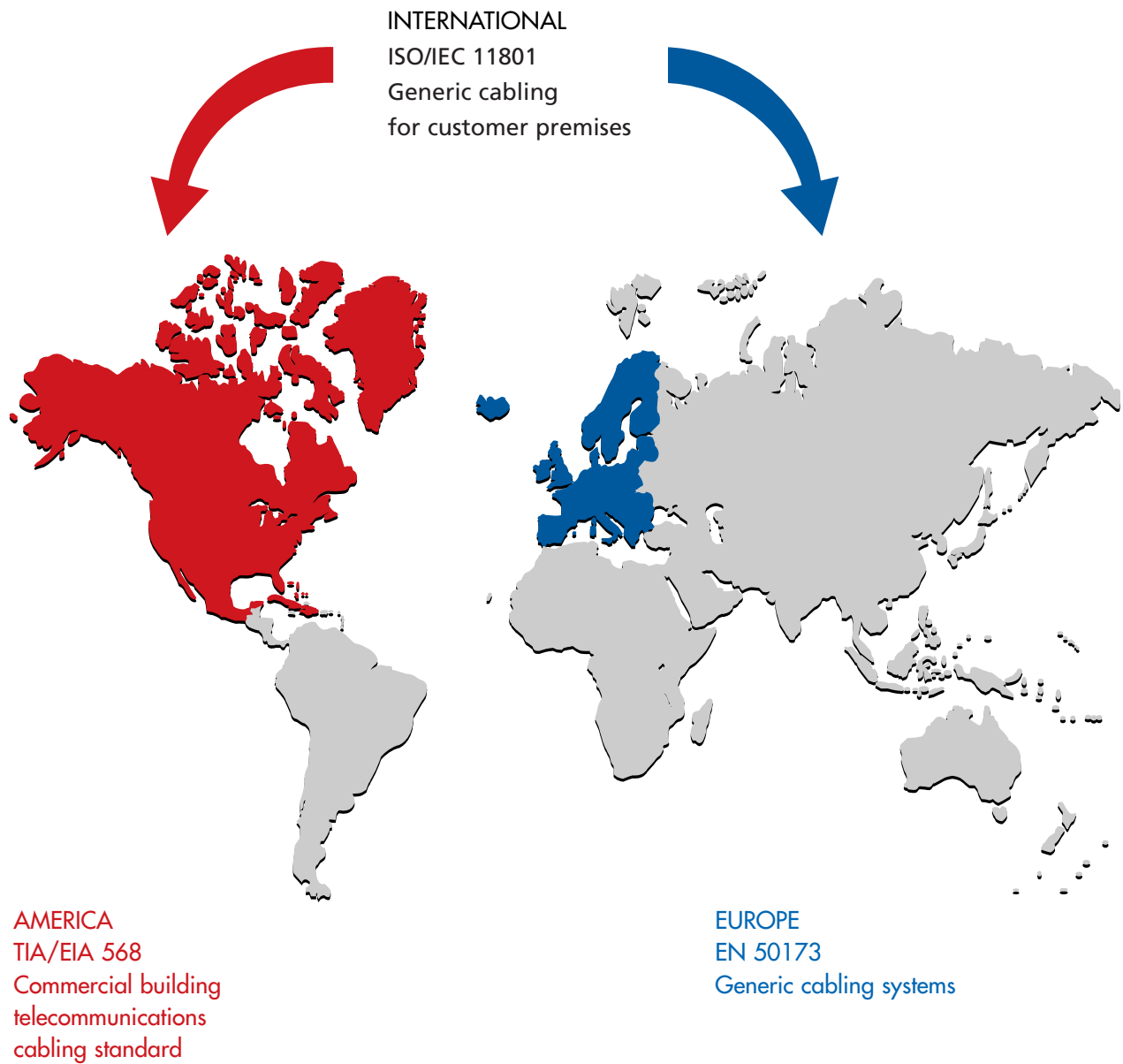
Standards and basic principles of network technology

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EN standards	Page 3
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FO cabling basics.....	Page 10
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STANDARDS FOR GENERIC CABLING SYSTEMS – SCOPE

Page
2



EN STANDARDS

The EN 50173 standard specified the structure and configuration of primary, secondary and tertiary sub-systems of the cabling of a telecommunication cabling system.

- EN 50173: Information technology - Generic cabling systems
- Part 1: General requirements
 - Part 2: Office premises
 - Part 3: Industrial premises
 - Part 4: Residential premises
 - Part 5: Data centers
 - Part 6: Distributed building services (draft, not yet approved)

The following standards apply for the installation of generic structured cabling systems:

In practice, the most important standards concerning the assembly of structured cabling systems are EN 50174 and EN 50346. They describe the issues which need to be taken into account when installing and testing a structured cabling system.

- EN 50174: Information technology - Cabling installation
- Part 1: Installation specification and quality assurance
 - Part 2: Installation planning and practices inside buildings
 - Part 3: Installation planning and practices outside buildings

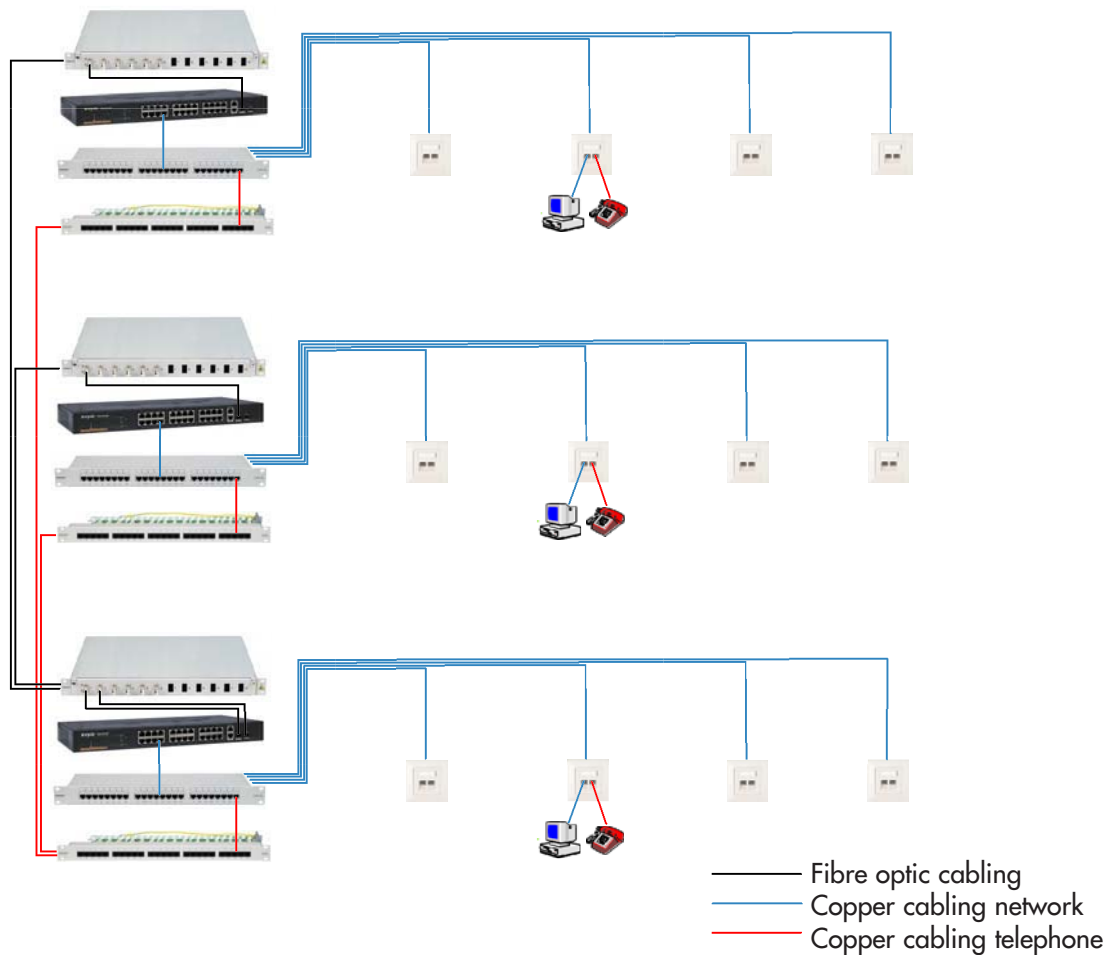
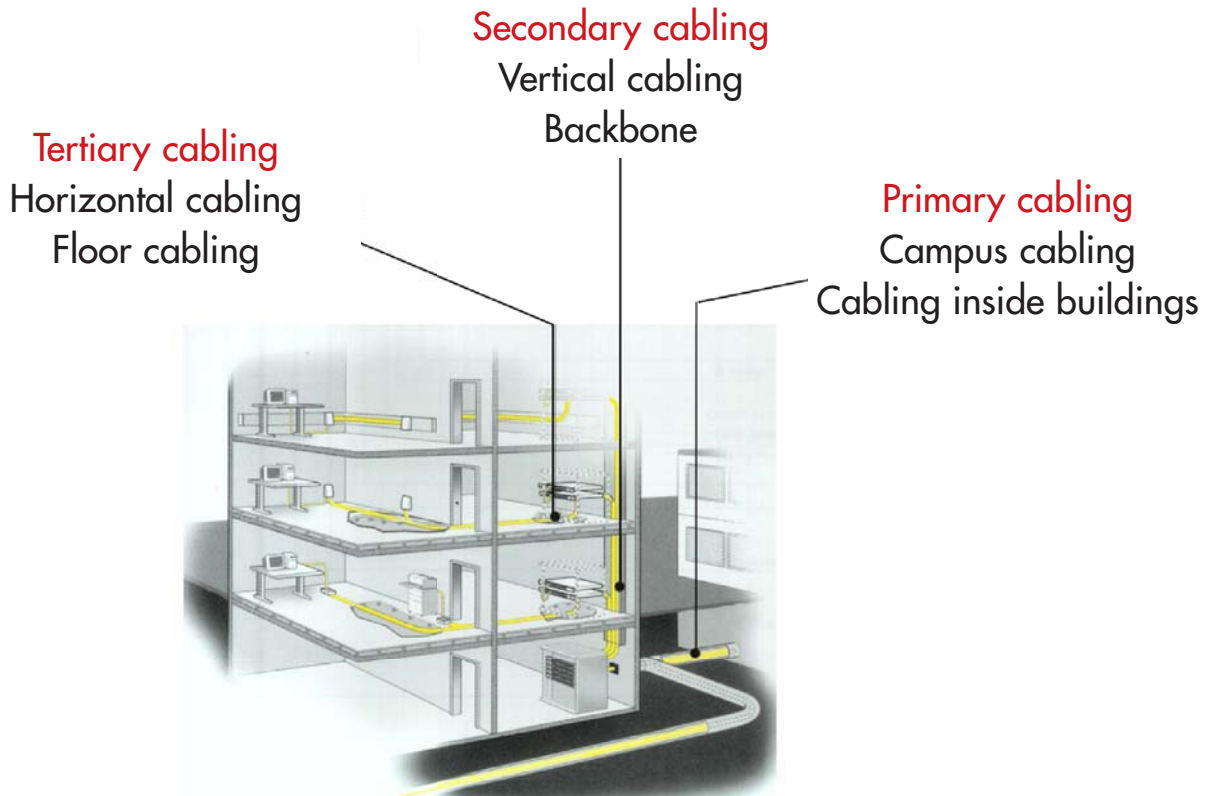
- EN 50346: Information technology - Cabling installation - Testing of installed cabling

Issues such as EMC, potential equalisation and earthing are gaining in importance with ever larger maximum frequencies. The relevant standards are:

- EN 50310: Application of equipotential bonding and earthing in buildings with information technology equipment.
- EN 55022: Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
- EN 61000: Electromagnetic compatibility (EMC)
- Part 6-1: Generic standards – Immunity for residential, commercial and light-industrial environments
 - Part 6-2: Generic standards – Immunity for industrial environments
 - Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments
 - Part 6-4: Generic standards – Emission standard for industrial environments
- ÖVE E 8014: Establishment of earth terminals for electrical installations with rated voltages up to AC 1000 V and DC 1500 V
- Part 1: General requirements and terms
 - Part 2: Foundation earth electrodes
 - Part 3: Special features of earth terminals in buildings with special EMC requirements for information technology installations

GENERIC CABLING SYSTEMS – STRUCTURE

Page
4



■ COPPER CABLING BASICS

The international ISO/IEC standard is almost identical with the European EN standard. In contrary to the american TIA/EIA standard they differentiate categories and classes. A category specifies the methods and values by which individual components must be tested. This means that individual components can only be tested and specified according to a category. By connecting products which meet a certain common category the complete system is defined by a class. The component meeting the lowest category defines the value of the class.

Standard	Scope	Category	5	5e	6	6 _A	6A	7	7 _A
		Class (not TIA/EIA)	D	-	E	E _A	-	F	F _A
		Limit frequency (MHz)	100	100	250	500	500	600	1000
ISO/IEC	International		✓	-	✓	✓	-	✓	✓
EN	Europe		✓	-	✓	✓	-	✓	✓
TIA/EIA	America		✓	✓	✓	-	✓	-	-
RJ45								GG45, Tera	
UTP & STP								STP	

■ TIMELINE ISO/IEC & EN

ISO/IEC 11801 & EN 50173	ISO/IEC 11801 & EN 50173	ISO/IEC 11801 & EN 50173
1. Edition	2. Edition	3. Edition
Class D / Cat.5	Class D / Cat.5	Class D / Cat.5
	Class E / Cat.6	Class E / Cat.6
	Class F / Cat.7	Class E _A / Cat.6 _A
		Class F / Cat.7
		Class F _A / Cat.7 _A
1995	2002-2003	2008-2011

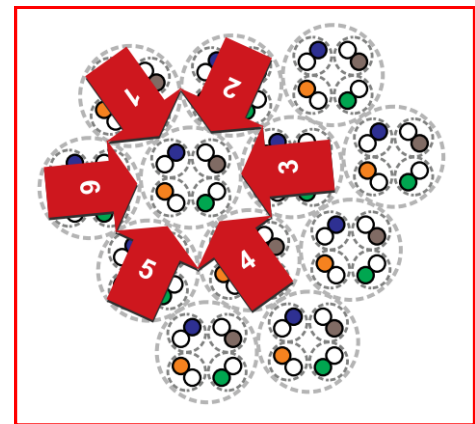
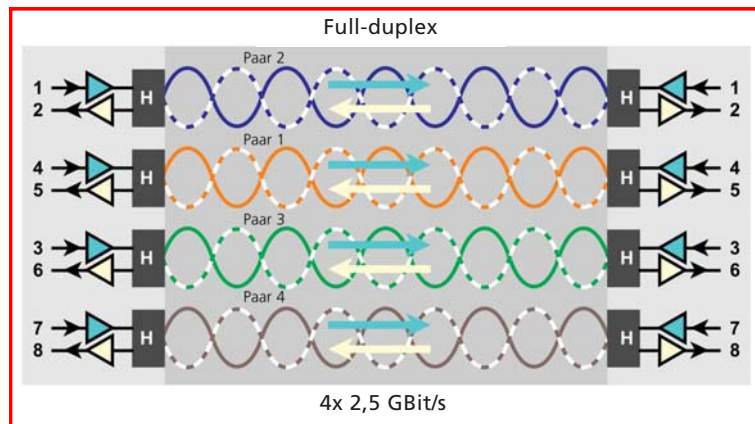
■ NETWORK APPLICATIONS

The following Ethernet network applications are specified for the classes D to F in the EN 50173-1 standard:

Class	Designation	Bandwidth	Protocol	Network application
Class D	Fast Ethernet	100 Mbit/s	IEEE 802.3u	CSMA/CD 100BASE-TX
	Gigabit Ethernet	1 Gbit/s	IEEE 802.3ab	CSMA/CD 1000BASE-T
Class E _A	10 Gigabit Ethernet	10 Gbit/s	IEEE 802.3an	10GBASE-T

10 GIGABIT ETHERNET

10 Gigabit Ethernet is transferred over all 4 pairs, full duplex with 2.5 Gbit/s per pair, at an operating frequency of 417MHz. AlienNEXT (Alien Near End Crosstalk) is the interference of a signal from one pair of a cable to a pair of another cable.



DIFFERENCES ISO/IEC & EN CAT.6_A - TIA/EIA CAT.6A

	ISO/IEC & EN	TIA/EIA	
Cabling (Permanent Link + Channel)	Class E _A	Cat.6 _A	
Component Level	Cat.6 _A	Cat.6 _A	
			ISO/IEC & EN stronger
NEXT Permanent Link	29,2 dB	26,7 dB	2,5 dB
NEXT Channel	27,9 dB	26,1 dB	1,8 dB
NEXT Component Level	37,0 dB	34,0 dB	3,0 dB

SEGREGATION OF METALLIC INFORMATION TECHNOLOGY CABLING AND POWER SUPPLY CABLING

The EN 50174-2 standard describes the segregation of metallic information technology cabling and power supply cabling.

The segregation distances depend on the following factors:

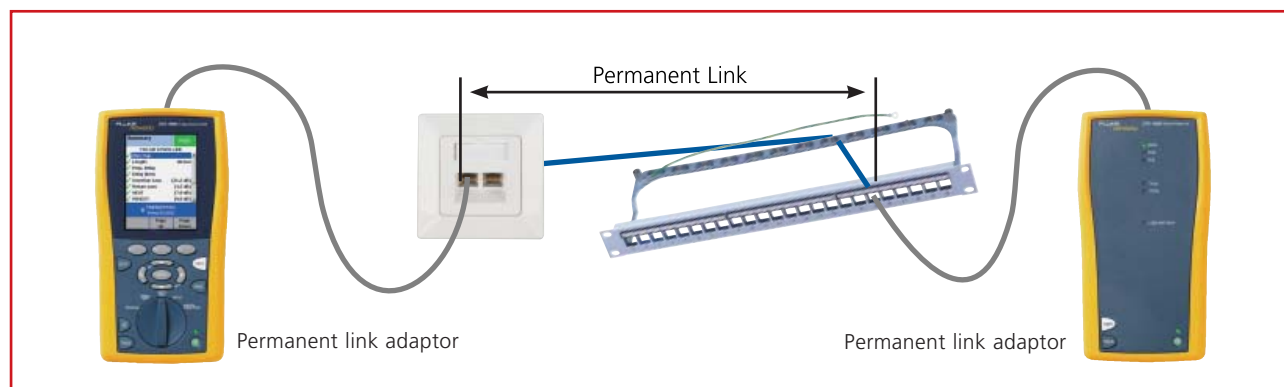
- The electromagnetic compatibility (EMC) of the information technology cable
 - Coupling attenuation for shielded symmetrical cables
 - Transverse conversion loss (TCL) for non-shielded symmetrical cables
 - Screening attenuation for asymmetrical (coaxial) cables and twinaxial cables
- The design of the power supply cable
- The dimensions of the power supply cable and the type of the powered electric circuit
- The existence of segregators between the information technology cabling and the power supply cabling

The segregation distances are determined according to the EN 50174-2 standard (Segregation of Metallic Information Technology Cabling and Power Supply Cabling).

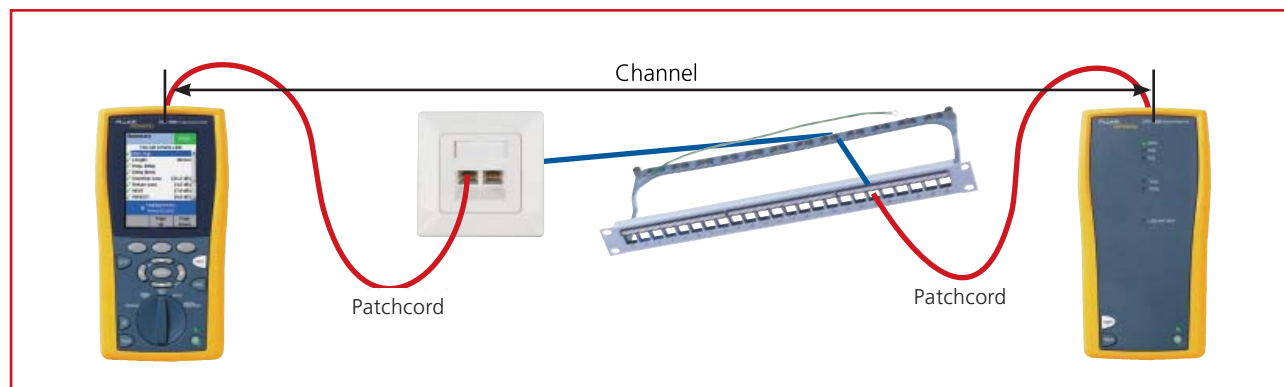
MEASURING METHODS

The following methods of measurement are used to obtain acceptance test measurements:

Permanent link - without patchcords



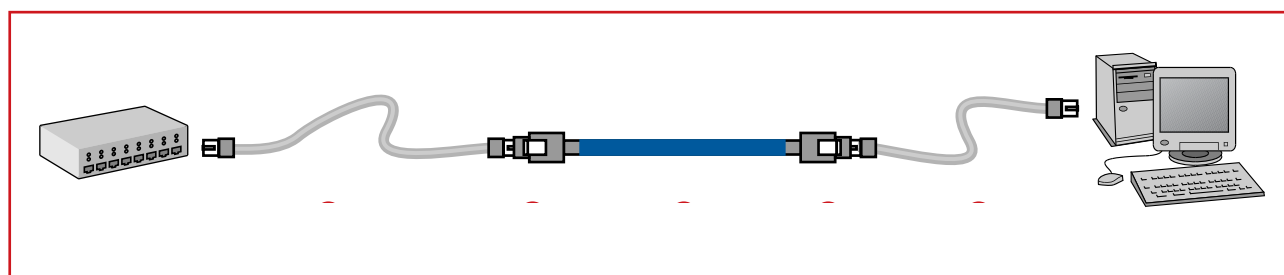
Channel - with patchcords



DIFFERENCES 2 AND 4-CONNECTOR CHANNEL

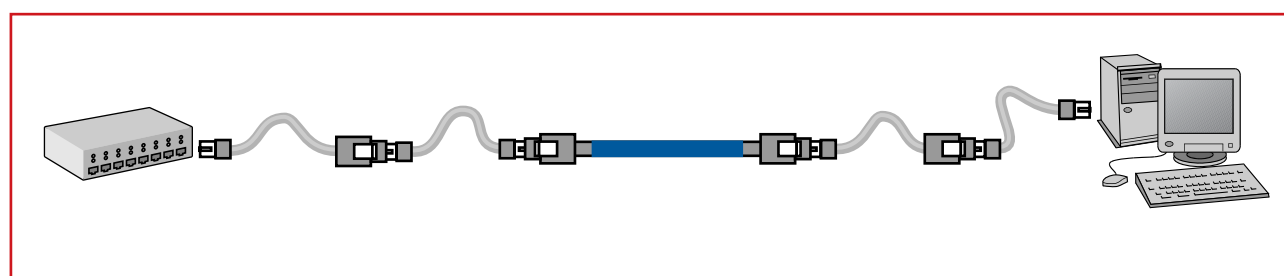
2-Connector Channel

The 2-connector channel is the type generally installed in Europe.



4-Connector Channel

The 4-connector channel is rarely installed in Europe. Basically, it consists of two additional connectors added to a 2-connector channel. This channel is harder to sustain. Therefore, the components must be precisely adjusted to one another.



DESIGNATION PRINCIPLES FOR COPPER CABLES

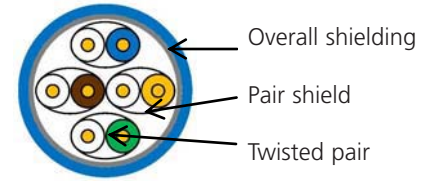
Overall shielding
SF = Foil and braided shielding
S = Braided shielding
F = Foil shielding
U = Unshielded

← x/yTP →
↓

Pair Shielding
F = Foil shielding
U = Unshielded

TP = Twisted pair

Example: S/FTP



AWG (AMERICAN WIRE GAUGE)

Conductor dimensions of the most frequently used copper wire strands:

AWG dimension	Conductor design	Wire diameter mm	Cross section mm ²	Comment
AWG 26/7	7 strands		0,140	Patchcord
AWG 27/7	7 strands		0,111	Patchcord
AWG 24/1	Solid wire	0,511	0,203	Installation cable
AWG 23/1	Solid wire	0,574	0,259	Installation cable
AWG 22/1	Solid wire	0,643	0,322	Installation cable

RJ CONNECTOR DESIGNATIONS

	Connector	Usage	Contacts	Designation
	RJ45	Patchpanel, outlet, switch, PC, telephone (ISDN)	8	8P8C
	RJ12	Telephone, door phone	6	6P6C
	RJ11 (RJ14)	Telephone, door phone	4	6P4C
	RJ10	Telephone receiver	4	4P4C

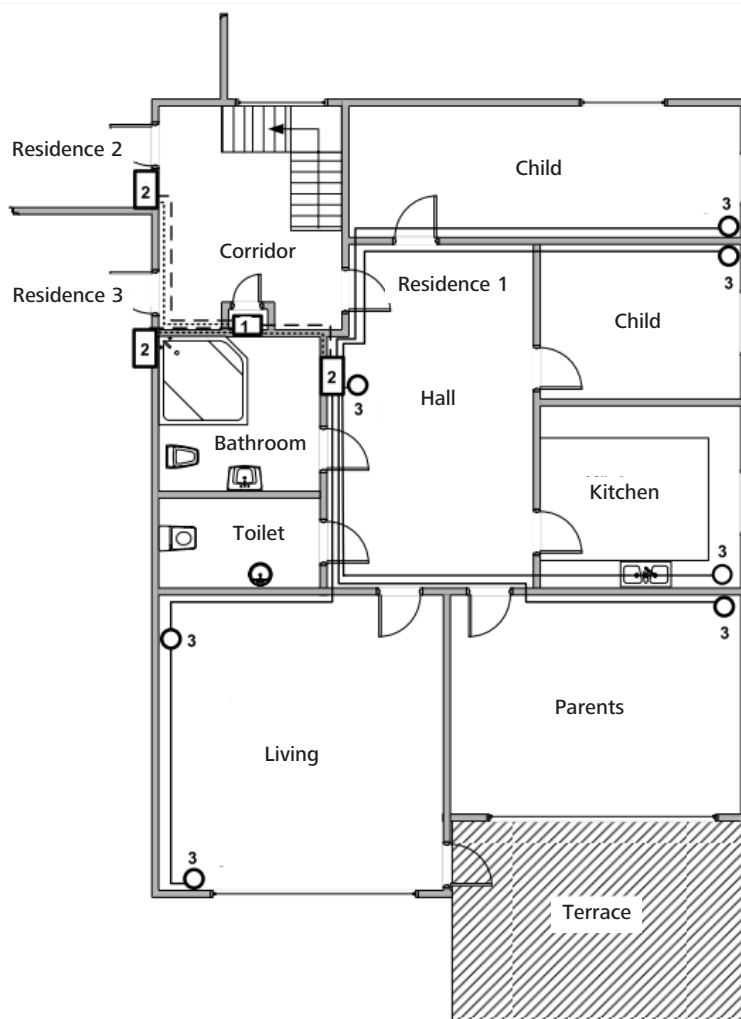
ASSIGNMENT CODES



MINIMUM SETUP FOR HOMES

The ÖVE/ÖNORM E 8015-2 standard regulates the minimum number of IT connection terminals for a residence in Austria. Each IT connection terminal is equipped with at least two connection points. To allow for later retrofitting, it is recommended to fit residences at a higher standard equipment level with at least one empty electrical installation duct Ø 25 from the residence interconnection point to an empty outlet, to all rooms used for living purposes and to the kitchen.

Living area of the residence	Minimum number of IT connection terminals for the telephone and data network	Minimum number of IT connection terminals for the broadband network	Total connection points
until 50 m ²	1 (2 Connection points)	2 (4 Connection points)	6
50 m ² up to 75 m ²	2 (4 Connection points)	3 (6 Connection points)	10
75 m ² up to 125 m ²	3 (6 Connection points)	4 (8 Connection points)	14
over 125 m ²	4 (8 Connection points)	5 (10 Connection points)	18



Where the numbers mean:

- 1 Information technology sub-distribution board
- 2 Residence interconnection point
- 3 IT connection terminal

FO CABLING BASICS

The EN 50173-1 standard describes different categories of fibre-optical cables (OM1, OM2, OM3, OM4, OS1, OS2) and different classes of FO channels (OF100, OF-300, OF-500, OF-2000, OF-5000, OF-10000).

Usually, quartz glass fibres of FO cables are categorised into multimode optical fibres with diameters of 50µm or 62.5µm and singlemode optical fibres with a diameter of 9µm.

Category	Fibre	Class					
		OF-100	OF-300	OF-500	OF-2000	OF-5000	OF-10000
OM1	50/125 µm	✓	✓	✓	✓	-	-
	62,5/125 µm	✓	✓	✓	✓	-	-
OM2	50/125 µm	✓	✓	✓	✓	-	-
	62,5/125 µm	✓	✓	✓	✓	-	-
OM3	50/125 µm	✓	✓	✓	✓	-	-
OM4	50/125 µm	✓	✓	✓	✓	-	-
OS1	9/125 µm	-	✓	✓	✓	-	-
OS2	9/125 µm	-	✓	✓	✓	✓	✓

ATTENUATION LIMIT VALUES FOR APPLICATION-NEUTRAL FO CHANNELS

Class	Maximum attenuation of the permanent link (dB)			
	Multimode		Singlemode	
	850 nm	1300 nm	1310 nm	1550 nm
OF-100	1,85	1,65	-	-
OF-300	2,55	1,95	1,80	1,80
OF-500	3,25	2,25	2,00	2,00
OF-2000	8,50	4,50	3,50	3,50
OF-5000	-	-	4,00	4,00
OF-10000	-	-	6,00	6,00

NETWORK APPLICATIONS

The following Ethernet network applications (IEEE 802.3) are specified in the EN 50173-1 standard (summary):

Category	Designation	Bandwidth	WL (nm)	Core ø (µm)	Length (m)*	Class	Network application
OM1	Ethernet	10 Mbit/s	850	62,5	1000	OF-500	FOIRL
			850	62,5	2000	OF-2000	10BASE-FL
	Fast Ethernet	100 Mbit/s	1300	62,5	2000	OF-2000	100BASE-FX
	Gigabit Ethernet	1 Gbit/s	850	62,5	275	OF-100	1000BASE-SX
			1300	62,5	550	OF-500	1000BASE-LX
	10 Gigabit Ethernet	10 Gbit/s	850	62,5	32	-	10GBASE-SR/SW
			1300	62,5	300	OF-300	10GBASE-LX4
	40 Gigabit Ethernet	40 Gbit/s	850	62,5	-	-	40GBASE-SR4
OM2	Ethernet	10 Mbit/s	850	50	514	OF-500	FOIRL
			850	50	1514	OF-500	10BASE-FL
	Fast Ethernet	100 Mbit/s	1300	50	2000	OF-2000	100BASE-FX
	Gigabit Ethernet	1 Gbit/s	850	50	550	OF-500	1000BASE-SX
			1300	50	550	OF-500	1000BASE-LX
	10 Gigabit Ethernet	10 Gbit/s	850	50	82	-	10GBASE-SR/SW
			1300	50	300	OF-300	10GBASE-LX4
	40 Gigabit Ethernet	40 Gbit/s	850	50	-	-	40GBASE-SR4
OM3	Ethernet	10 Mbit/s	850	50	514	OF-500	FOIRL
			850	50	1514	OF-500	10BASE-FL
	Fast Ethernet	100 Mbit/s	1300	50	2000	OF-2000	100BASE-FX
	Gigabit Ethernet	1 Gbit/s	850	50	550	OF-500	1000BASE-SX
			1300	50	550	OF-500	1000BASE-LX
	10 Gigabit Ethernet	10 Gbit/s	850	50	300	OF-300	10GBASE-SR/SW
			1300	50	300	OF-300	10GBASE-LX4
	40 Gigabit Ethernet	40 Gbit/s	850	50	100	OF-100	40GBASE-SR4
OM4	Ethernet	10 Mbit/s	850	50	514	OF-500	FOIRL
			850	50	1514	OF-500	10BASE-FL
	Fast Ethernet	100 Mbit/s	1300	50	2000	OF-2000	100BASE-FX
	Gigabit Ethernet	1 Gbit/s	850	50	550	OF-500	1000BASE-SX
			1300	50	550	OF-500	1000BASE-LX
	10 Gigabit Ethernet	10 Gbit/s	850	50	300	OF-300	10GBASE-SR/SW
			1300	50	300	OF-300	10GBASE-LX4
	40 Gigabit Ethernet	40 Gbit/s	850	50	150	OF-100	40GBASE-SR4
OS1	Gigabit Ethernet	1 Gbit/s	1310	9	2560	OF-2000	1000BASE-LX
			1310	9	4200	OF-2000	10GBASE-LX4
			1310	9	4200	OF-2000	10GBASE-LR/LW
			1550	9	8900	OF-2000	10GBASE-ER/EW
	40 Gigabit Ethernet	40 Gbit/s	1310	9	4700	OF-2000	40GBASE-LR4
			1310	9	6300	OF-2000	100GBASE-LR4
	100 Gigabit Ethernet	100 Gbit/s	1310	9	6300	OF-2000	100GBASE-LR4
			1550	9	16000	OF-10000	100GBASE-ER4
OS2	Gigabit Ethernet	1 Gbit/s	1310	9	5000	OF-5000	1000BASE-LX
	10 Gigabit Ethernet	10 Gbit/s	1310	9	10000	OF-10000	10GBASE-LX4
			1310	9	10000	OF-10000	10GBASE-LR/LW
			1550	9	22250	OF-10000	10GBASE-ER/EW
			1310	9	10000	OF-10000	40GBASE-LR4
	100 Gigabit Ethernet	100 Gbit/s	1310	9	10000	OF-10000	100GBASE-LR4
			1550	9	40000	OF-10000	100GBASE-ER4

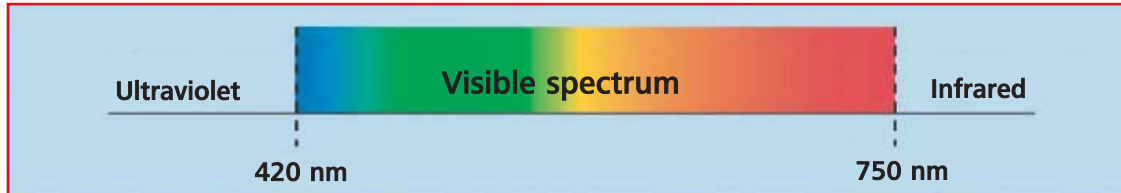
* Longer channels are possible for network applications (not application neutral).

WHAT IS LIGHT?

Light is the part of the electromagnetic spectrum that we can see. Electromagnetic waves disperse at the speed of light in vacuum.

$$C_0 = 300\,000 \text{ km/s}$$

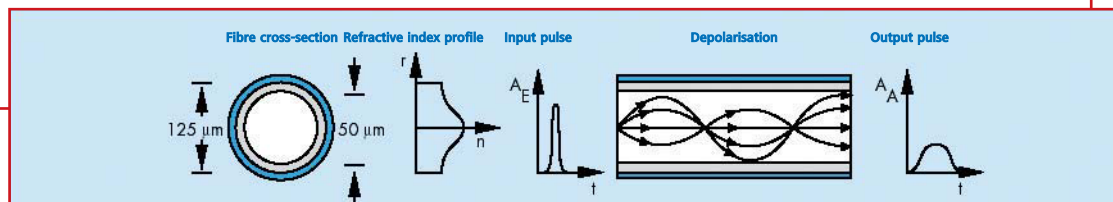
Visible light only covers a small section (bandwidth) between 420 nm (violet) to 750 nm (red) of the spectrum. Fibre optical technology uses the infrared range of the spectrum between 800 nm and 1600 nm.



CAUTION! Never look into a fibre-optic cable while in use. You will not be able to see the LED- or laser beam but these may damage your eyes! (these work in the range 850nm and over => infrared band)

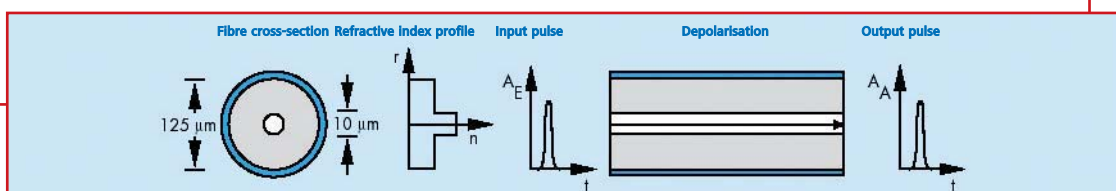
MULTIMODE GRADED INDEX FIBRES

Compared with multimode step index fibres, this fibre variant has a better bandwidth length product. In the graded index fibre, the index of refraction decreases parabolically from the centre of the core to the cladding. The light disperses between core and cladding in a sinusoidal form. These fibres come in a variety of different core diameters.

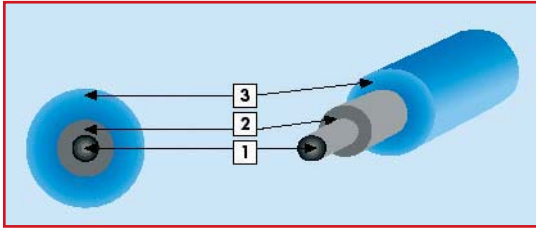


SINGLEMODE STEP INDEX FIBRES

Unlike graded index fibres (prevalent in multimode application), the single mode optical fibre is a step index fibre. Due to its design, only one mode can disperse axially in the core. There are no differences in arrival times as found in multimode. The modal dispersion equals zero. Single mode fibres are usually only used in 2nd and 3rd wavelength windows. Due to its small core diameter, it is more difficult and more expensive to finish (splice) and manufacture these fibres than MM fibres.



FIBRE DESIGN

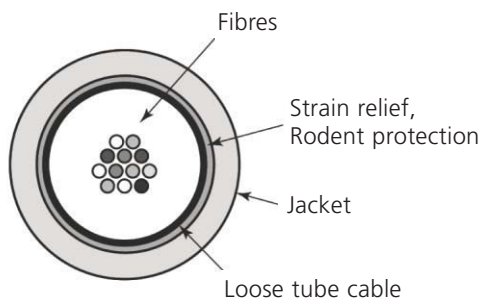


1 = core
2 = cladding
3 = primary coating

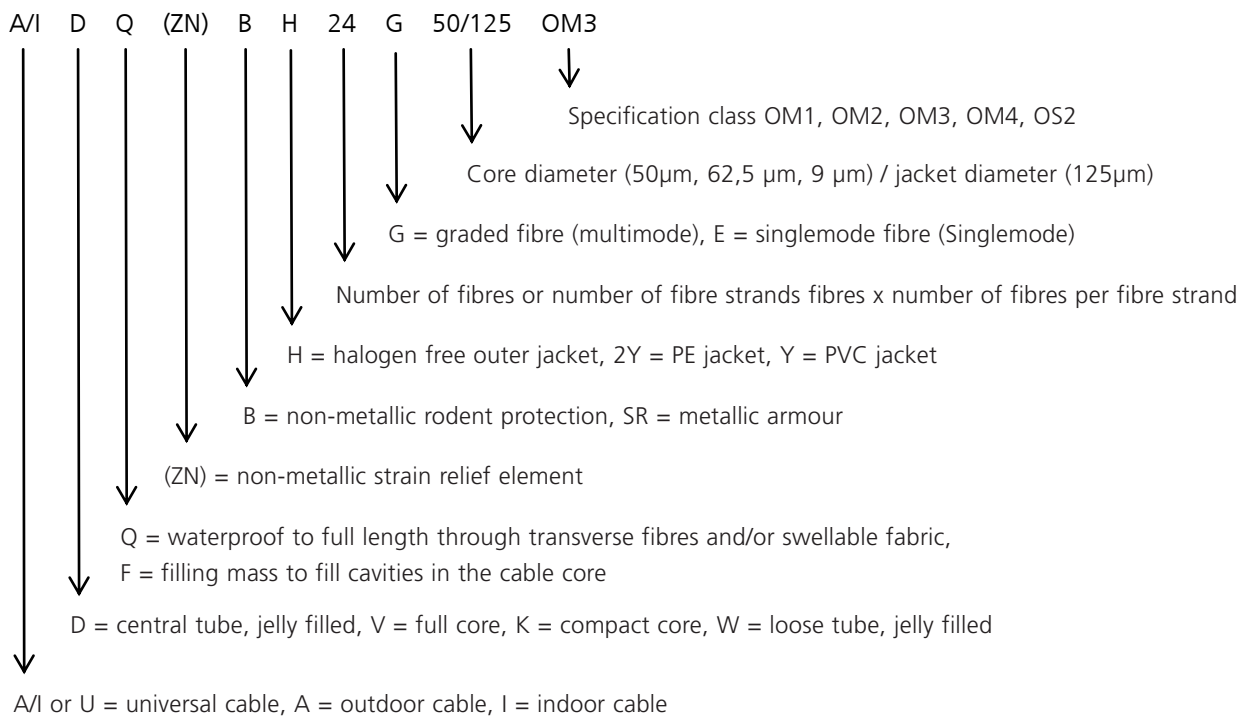
CABLE DESIGN CENTRAL LOOSE TUBE CABLE



Example: A/I-DQ(ZN)BH 24G50/125 OM3



DESIGNATION PRINCIPLES FOR FO CABLES

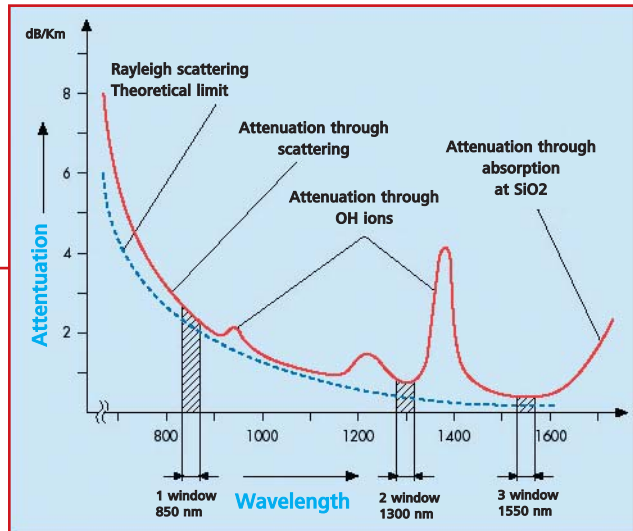


ATTENUATION

In contrary to Cu technology, this is the loss of passing light over a FO permanent link.

This parameter is of great importance when planning FO networks and permanent links. Attenuation itself in this context is determined by absorption and scattering as well as mechanical bending.

The process of attenuation



BANDWIDTH-LENGTH PRODUCT

The more impulses (binary) can be transmitted per time unit (sec) the higher is the transmission capacity of the fibre optic cable. This transmission capacity can be converted into a corresponding bandwidth. Important to note is that this bandwidth is available over the full length of the FO channel. The ratio between max. transmission frequency and max channel length can be specified in a mathematical formula as the bandwidth-length product. Therefore, in fibre optics technology it is important to consider this bandwidth-length product, along with the fibre attenuation, already when planning a FO network.

PHYSICAL PROPERTIES

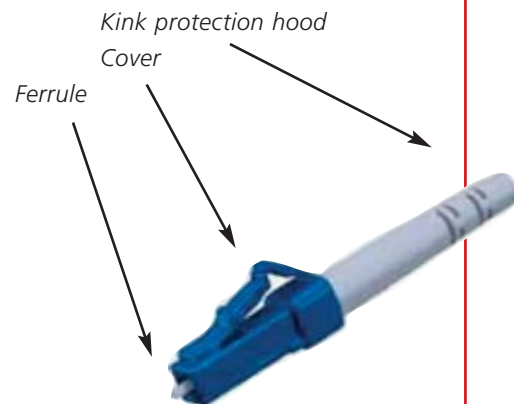
Generally, the core and cladding glass is quartz glass, which is made from quartz sand (SiO_2). One of the most positive characteristics of this material is that it is available in abundance on Earth. The fibre optic conductor has a cylindrical core and a surrounding cladding. Due to the properties of the glass the core and cladding cylinder are sensitive to bending or twisting. To dampen such torsional and flexural stress, the glass is embedded in a primary cladding. This coating has several functions: mechanical protection, protection of the fibre from ingress of moisture (H_2O would diffuse into the FO conductor), colour coding of loose tube cables.

WHAT IS A CONNECTOR MADE OF?

The kink protection hood helps to make sure that the cable leaves the jack within a specified radius in order to keep the stress on the fibres at a minimum to prevent damage.

The cover is made of metal or plastic. It contains the ferrule and the strain relief for the cable within the connector. Always grab the cover of the plug when handling.

The ferrule is usually made of ceramic, sometimes of plastic or metal. It is used to centre the fibre strand within the plug. The fibre is glued into the central drill hole. The fibre is brought to the tip of the ferrule where it is polished flat. This is the surface where the light signal is transferred.



WHAT DO PC AND APC MEAN?

PC... Physical Contact

The connectors exert pressure on one another when connected. The ferrule is polished flat at a 90° angle.

APC... Angled Physical Contact

In this case, the connectors also exert pressure on one another when connected. However, the ferrule is polished at a tilted angle. This optimises return loss.

The ISO/IEC 60874-19-1 standard for FO connectors recommends the following colour coding:

Multimode beige or black

Singlemode (PC) blue

Singlemode (APC) green

COMMONLY AVAILABLE CONNECTORS



LC CONNECTORS

How to recognise them: A member of the family of small format connectors since it only takes up half the space of an SC connector. Its ferrule is also considerably smaller than that of other connectors. Also available in a duplex version (2 connectors joined together). Being used more and more often in multimode and singlemode applications.



SC CONNECTORS

How to recognise them: Four-sided with ferrule and push-pull mount. Used equally on multimode or singlemode applications. This connector is also available in duplex version (2 connectors joined together).



ST CONNECTORS

How to recognise them: Bayonet lock (same as on BNC connectors), thus secure connection. Predominantly used in multimode, rarely in single mode applications.



FC/PC CONNECTORS

How to recognise them: Screw fitting with a small "nose" to secure the connection. Rarely used in multimode applications, more likely to be found in single mode, as it was the Austrian Postal Services preferred connector.



E2000-CONNECTOR

How to recognise them: Features a shutter. Also available in a duplex version (compact RJ). Used mostly on single mode applications.

Other connectors to be mentioned in this context: MTRJ, MiniSC (MU), Escon, FSMA, FDDI, Volition (VF45).

ETHERNET ACTIVE COMPONENTS BASICS

TYPES OF SWITCHES

Switches unmanaged

- Non-configurable switch
- Plug and play
- Switch configuration not required (and not possible)
- Ideal for small and medium-sized networks (up to 200 users) without a permanent network engineer in charge

Switches managed

- Configurable switch
- Plug and play possible
- Configuration not mandatory
- Ideal for medium-sized and large networks (over 200 users) with a permanent network engineer in charge
- Security settings can be configured, e.g. VLAN, etc.
- The monitoring options for the switch allow to analyse and remedy network errors and speed (performance) problems.
- The management functions depend on the manufacturer and require basic network technology and network software know-how.
- Managed switches include an "SNMP Agent" which can be accessed via special SNMP management software
- First log on via RS232 port
- After assigning an IP address to the switch it can also be configured via Web management
- Allows configuration of:
 - Port speed
 - Half / full duplex per port
 - Spanning tree
 - Port mirroring
 - Port trunking
 - Port security
 - VLANs
 - Quality of service
- Allows the generation of regular operative reports
- Allows trend forecasts for bandwidth development
- Facilitates error tracking
- Error reports per port

Central switch

- The central switch features several highspeed ports (Gigabit) where the servers and, via backbone, also floor switches can be connected.

Floor distribution switch

- The floor switch features at least 1 highspeed (Gigabit) port and usually 24 standard (100 Megabit) ports.
- The PCs are connected to the standard ports, the backbone to the highspeed port.

CONNECTING SWITCHES (CASCADING - STACKING)

Cascading switches

- Connecting two or more switches each via one standard port on RJ45 or FO patchcords
- Standardised ports are used for cascading, which means this is manufacturer independent.
- Switches of different product families or from different manufacturers can be used cascading.
- Ports speeds must correlate
- Unlimited number of cascading switches (theoretically)
- For runtime reasons we recommend a maximum number of 4 cascading switches. Alternative: hub-type network design with central switch
- Speed (performance) losses caused by switch-to-switch connection bottleneck. Alternatively, highspeed (Gigabit) uplink ports can be cascaded

Stacking switches

- Connecting two or more switches each via special highspeed stack ports (offer multiple Gigabit throughput)
- Two or more stacked switches act as one device and deliver optimum performance
- Manufacturer dependent, because there is no standard. Proprietary solutions of the individual manufacturers
- High throughput
- Easy to extend, all ports are identical
- Usually it is possible to stack 6 switches
- High processing power requirements with resulting higher costs



MANAGEMENT SOFTWARE

- Each managed switch can be configured via serial interface or LAN (Telnet), usually also web based (Internet Explorer).
- More comfortable management is possible with a separate management software, which is SNMP based. These programs feature a simple graphical user interface.
- SNMP: Simple Network Management Protocol. Generally adopted standard for managed switches. The most frequently used program for medium-sized networks on Windows is SNMPc from CastleRock.

AUTOSENSE

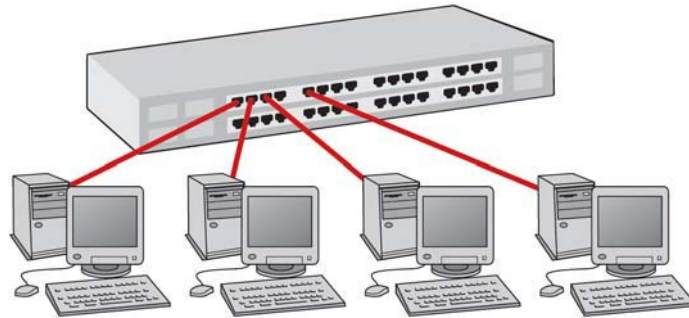
A switchport automatically recognises the maximum speed at which a connected device can operate and connects to the device. This means optimum (highest possible) speed without the need for configuration.

AUTOCROSSING

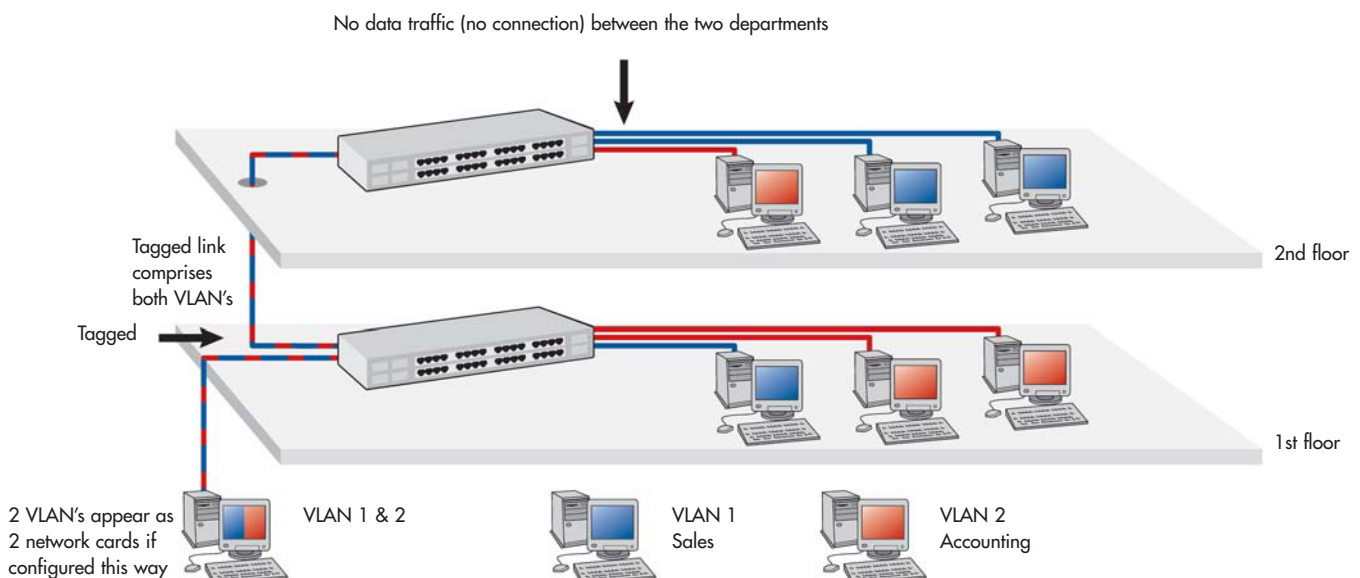
The switchport recognises whether a terminal or another switch is connected and the type of patchcord used (1:1 or crossover). If the patchcord shows wrong wiring (either 1:1 or crossover), the switchport automatically sets the contacts of the RJ45 port accordingly.

PORT-BASED SECURITY

- Connecting of all PCs to a network.
- The switch learns all connected MAC addresses.
- Connecting to the switch via the management tool and "calling" of all ports using the current MAC addresses.
- If a PC is disconnected and a different non-authorised PC is connected, no connection is established.
- Port-based security is only possible on managed switches and must be specifically configured.



VLANs (VIRTUAL LANS)



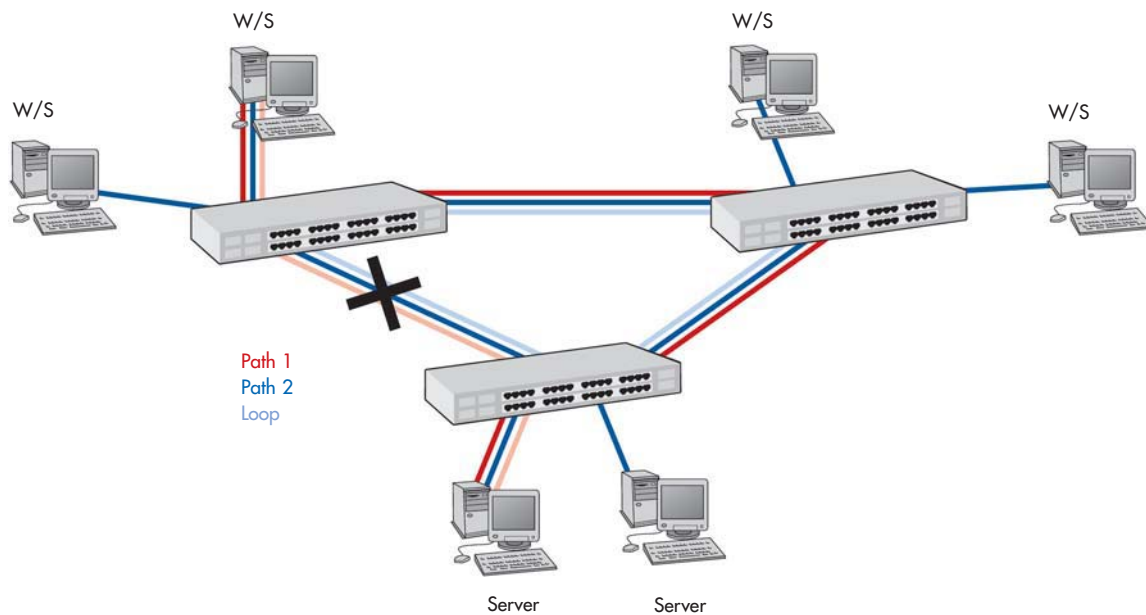
WHY VLANs?

- Broadcast data traffic in a company network can reach an extent where it may become necessary to separate individual departments in order to minimise the broadcast. This type of segmentation increases the overall network performance.
- Security: Individual users can only access the part of the network for which they have been authorised. This way, sensitive data can be stored in a separate area to which only a small number of authorised users have access.

VLAN RULES:

- No Layer2 data traffic can cross over from one VLAN to another
- One port can exist in one or several VLANs. In this case, "tagging" is used to identify the VLAN where the data packet belongs.
- VLAN configuration is only possible on managed switches and must be specifically configured.

SPANNING TREE PROTOCOL



- To increase network availability a link is installed between switch 1 and switch 2.
- If Spanning Tree is not configured, an illegal loop appears in the network, which causes a broadcast storm disabling the network.
- Spanning Tree identifies the link which must be deactivated. Priorities specified by the network manager are taken into account.

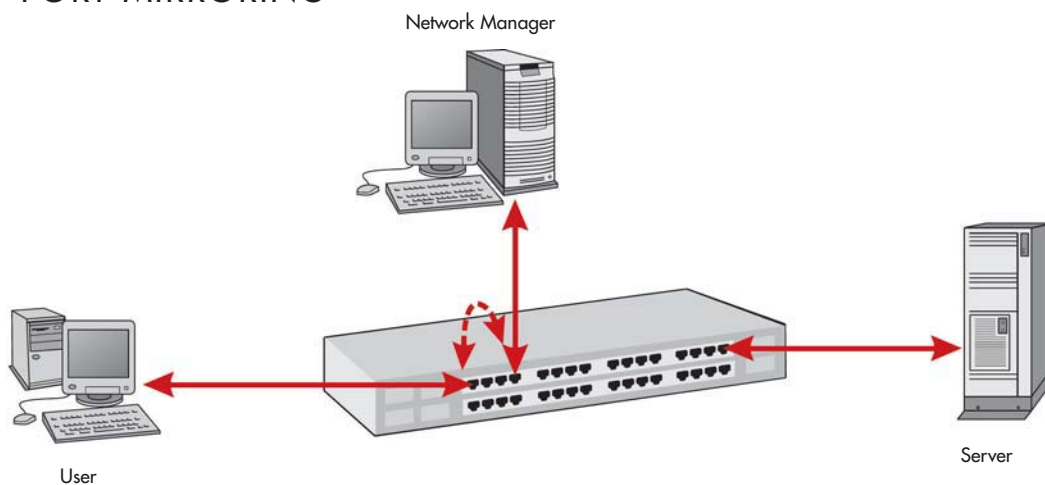
What happens in the case of a link failure?

Spanning Tree re-calculates the Spanning Tree topology and activates the backup path.

Spanning Tree is only possible on managed switches and must be specifically configured.

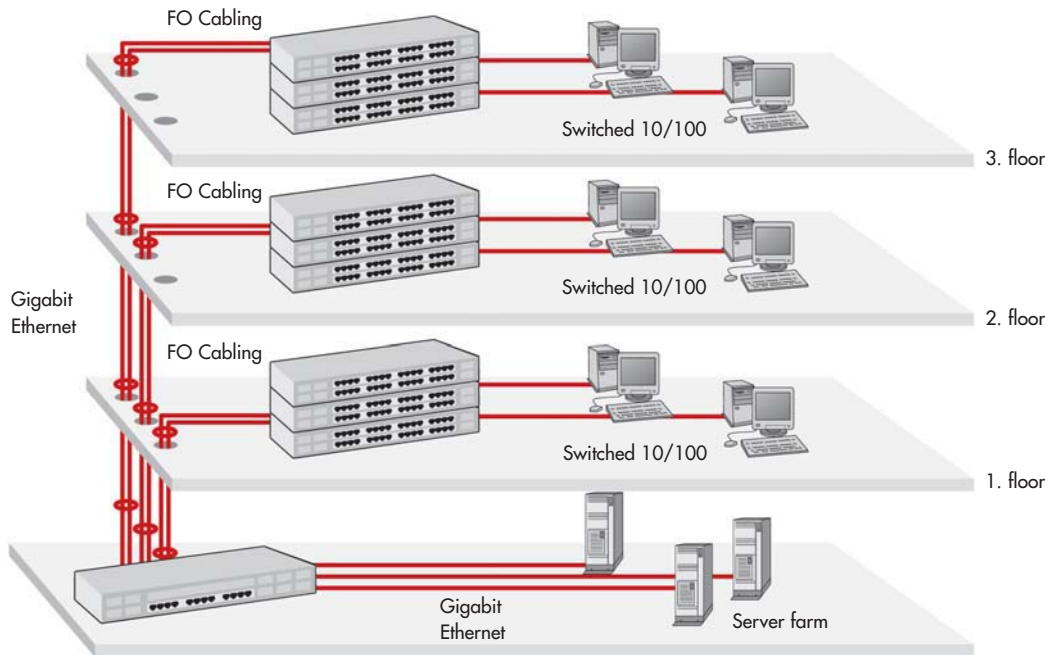
Spanning Tree allows to configure a backup path, which maintains the network in a working condition even if one connection path fails.

PORT MIRRORING



- "Mirrors" the data on a defined "mirror" port
- Allows the network administrator to connect a protocol sniffer.
- For the purpose of error detection the administrator can use the mirror port to see the complete data traffic on the user port and draw the resulting conclusions.
- Port mirroring is only possible on managed switches and must be specifically configured.

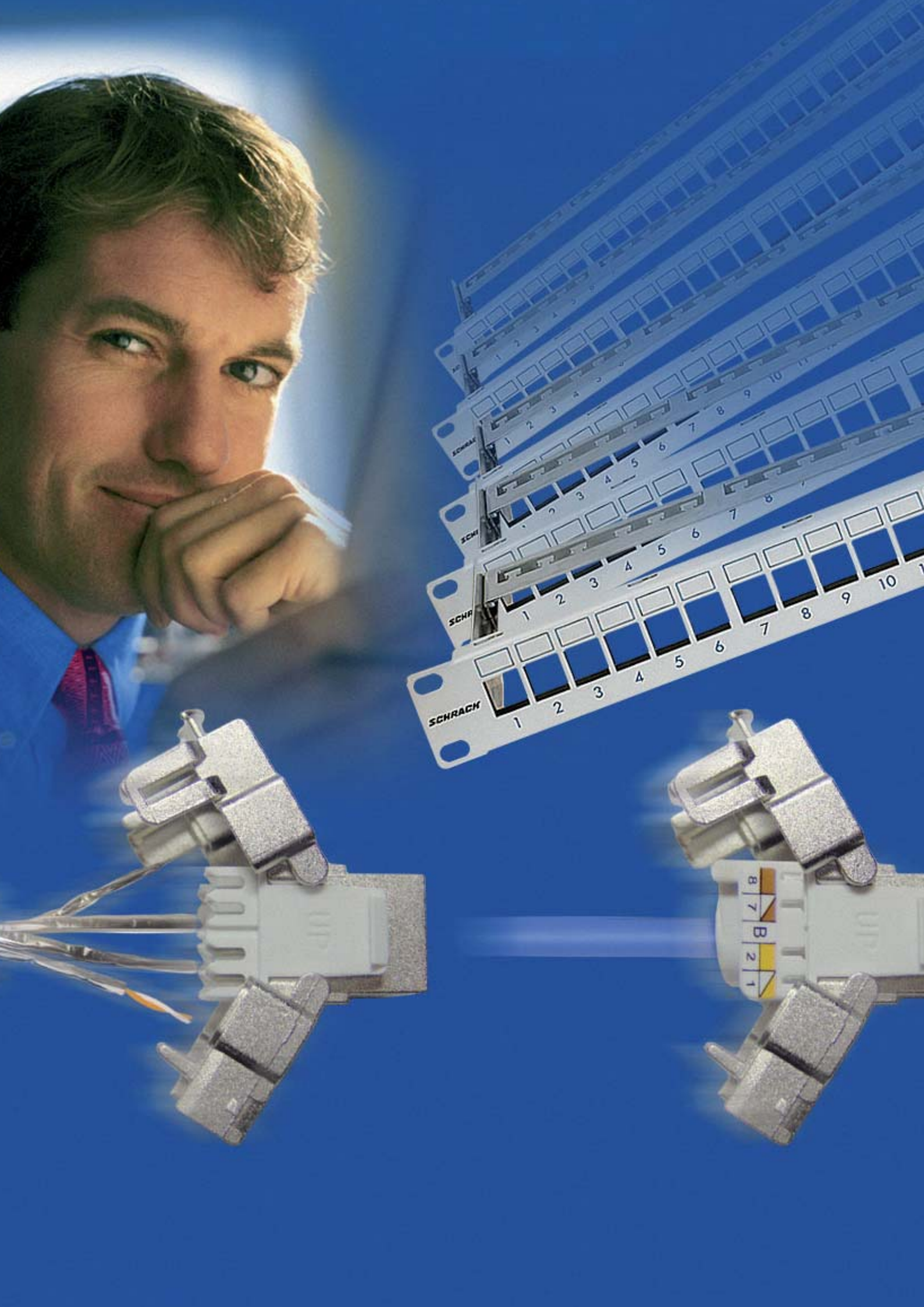
PORT TRUNKING – IEEE 802.3AD



- Port groups are configured to form a faster "bundled" link.
- MAC address table is shared between 2 ports.
- Allows an easy increase of the bandwidth for important connections.
- "Widens" bottlenecks.
- Cost-effective alternative to upgrading to faster switches.
- "Trunks" can be established with 10/100, 1000BaseT or GBIC Gigabit ports.
- Some switches allow to bundle 4 ports into a "trunk".
- Port trunking creates additional bandwidth.
- Some servers also support 802.1ad port trunking to increase bandwidth.
- Port trunking is only possible on managed switches and must be specifically configured.

MEDIA CONVERTER BASICS

- Signal transformation, but NO repeating or amplification of the signal.
- Therefore only 2 converters max. in series before a switch must be connected.
- Connection switch -> media converter via RJ45 patchcord. Recommended: max. 3m
- Converters with identical speeds must be used. Recommended: Always use converters of the same type in pairs.
- The FO channel must be crossed over.
- For the FO channels it is possible to use FO patchcords, pre-assembled FO channels or spliced FO channels.
- The installed lines should be terminated with splice boxes or FO patchcords and then connected with the media converter via FO patchcord.
- FO patchcords can have different connectors on the two ends (e.g. SC, ST, LC, MTRJ).
- Media converters and splice box may also have different connectors as long as a patchcord with the corresponding connectors is used. Be careful when ordering.
- It is important to take care that converter, patchcord and installation cable match with regard to the fibre dimensions.
- Fibre 50/125µm -> Multimode converter
- Fibre 62.5/125µm -> Multimode converter
- Fibre 9/125µm -> Singlemode converter
- Lengths for FO cable:
 - Multimode 50/125µm: 2km at 10Mbps, 2km at 100Mbps, 550m at 1Gbps.
 - Multimode 62.5/125µm: 2km at 10Mbps, 2km at 100Mbps, 275m at 1Gbps.
 - Singlemode 9/125µm: Up to 100km at 10Mbps, 100Mbps and 1Gbps.
- Depends on the capacities of the optical transmitters and receivers.



TOOLLESS LINE Cat.6_A, Cat.6, Cat.5e STP & UTP System Modular

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1. SO EASY



2. SO FAST



3. SO SCHRACK



TOOLLESS LINE Cat.6_A, Cat.6, Cat.5e STP & UTP System Modular

The SCHRACK TOOLLESS LINE is convincingly performant and easy to install. The connectors are designed for tool-less handling. They can be crimped without any special tools, which makes them very comfortable and quick to install. The connectors are available both shielded in Cat.6_A, Cat.6, Cat.5e and unshielded in Cat.6 and Cat.5e. The extensive range of accessories supports virtually every imaginable installation situation.

TOOLLESS LINE Jacks RJ45 shielded Cat.6_A 10GB / Class E_A 10GB in Schrack Format A (SFA)



HSEMRJ6GWA



HSEMRJ6GWA



HSEMRJ6GWT



HSEMRJ6GWT



HSEMRJZSKW

SCHRACK-INFO

These TOOLLESS LINE jacks RJ45 are modules in Schrack Format A (SFA). The jack HSEMRJ6GWA fulfills Cat.6_A performance for 10 Gigabit Ethernet. It is a toolless jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. Enhanced electro magnetic compliance (EMC) performance is achieved by the 360° spring-type shielding-contact and optimised overlapping of the bodyparts. The jack comes with a Fast-On connector for connection to an earthing-point and can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 shielded Cat.6 _A 10GB (SFA)		HSEMRJ6GWA
TOOLLESS LINE Jack RJ45 shielded, Class E _A 10GB (SFA)		HSEMRJ6GWT
TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, white		HSEMRJZSKW
TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, blue		HSEMRJZSKB
TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, red		HSEMRJZSKR
TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, yellow		HSEMRJZSKY
TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, green		HSEMRJZSKU
TOOLLESS LINE Dustcoverset for HSEMRJ6GWA/T, 25 pieces, black		HSEMRJZSKS

TOOLLESS LINE Jack RJ45 shielded Cat.6_A 10GB in Schrack Format A (SFB)



HSEMRJ6GBA



HSEMRJ6GBA

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format B (SFB). The jack HSEMRJ6GBA fulfills Cat.6_A performance for 10 Gigabit Ethernet. It is a toolless jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. Enhanced electro magnetic compliance (EMC) performance is achieved by the 360° shielding-contact and optimised bodyparts. The jack comes with a Fast-On connector for connection to an earthing-point and can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 shielded Cat.6 _A 10GB (SFB)		HSEMRJ6GBA

TOOLLESS LINE Jack RJ45 shielded Cat.6 in Schrack Format A (SFA)



HSEMRJ6GWS

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format A (SFA). The jack HSEMRJ6GWS fullfills Cat.6 performance. It is a toolless jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. The jack comes with a Fast-On connector for connection to an earthing-point and can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 shielded, Cat.6 (SFA)		HSEMRJ6GWS

TOOLLESS LINE Jack RJ45 shielded Cat.6 in Schrack Format B (SFB)



HSEMRJ6GBS



HSEMRJ6GBS

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format B (SFB). The jack HSEMRJ6GBS fullfills Cat.6 performance. It is a toolless jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. The jack comes with a Fast-On connector for connection to an earthing-point and can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 shielded Cat.6 (SFB)		HSEMRJ6GBS

TOOLLESS LINE Jack RJ45 shielded Cat.5e in Schrack Format A (SFA)



HSEMRJ5GWS

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format A (SFA). The jack HSEMRJ5GWS fullfills Cat.5e performance. It is a toolless jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. The jack can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 shielded, Cat.5e (SFA)		HSEMRJ5GWS



TOOLLESS LINE Jack RJ45 unshielded Cat.6 in Schrack Format A (SFA)



HSEMRJ6UWS

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format A (SFA). The jack HSEMRJ6UWS fulfills Cat.6 performance. It is a toolless jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. The jack can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 unshielded, Cat.6 (SFA)		HSEMRJ6UWS

TOOLLESS LINE Jack RJ45 unshielded Cat.5e in Schrack Format A (SFA)



HSEMRJ5UWS

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format A (SFA). The jack HSEMRJ5UWS fulfills Cat.5e performance. It is a toolless jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. The jack can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 unshielded, Cat.5e (SFA)		HSEMRJ5UWS

Dustcover for RJ45 Jack



HM5LFDUS07

DESCRIPTION	AVAILABLE	ORDER NO.
Dust cover for RJ45-jack, grey		HM5LFDUS07

■ Coupler RJ45 shielded Cat.6 in Schrack Format A (SFA)



HSEMRKRGWS

■ SCHRACK-INFO

This RJ45-RJ45 coupler is a module in Schrack Format A (SFA) and fulfills Cat.6 performance.

DESCRIPTION	AVAILABLE	ORDER NO.
Coupler RJ45-RJ45 shielded, Cat.6 (SFA)		HSEMRKRGWS

■ Coupler Coax F-Type in Schrack Format A (SFA)



HSEMRKFFWS

■ SCHRACK-INFO

This Coax F-F coupler is a module in Schrack Format A (SFA). Before installing the coupler, the dust-cover of the data-outlet has to be removed.

DESCRIPTION	AVAILABLE	ORDER NO.
Coax F-F coupler (SFA)		HSEMRKFFWS

■ Couplers Fiber Optics in Schrack Format A (SFA)



HSEMRLLWS



HMOLO00103



HMOLO00104



HMOLO00058



HMOLO00055

■ SCHRACK-INFO

This Fiber Optics coupler is a module in Schrack Format A (SFA) and consists of an empty module and the FO coupler. When using SC-simplex couplers with flange, a blincover has to be used in Patchpanel and 3-Port outlet in the middle between 2 modules. Before installing the coupler, the dust-cover of the data-outlet has to be removed.

DESCRIPTION	AVAILABLE	ORDER NO.
FO coupler empty for LC-Duplex/SC-Simplex (SFA)		HSEMRLLWS
FO Coupler LC-Duplex, Multimode, phosphor-bronze, without flange, grey		HMOLO00103
FO Coupler LC-Duplex, Singlemode, zirconia, without flange, blue		HMOLO00104
FO Coupler SC-Simplex, Plastic, Multimode, phosphor-bronze, flange, grey		HMOLO00058
FO Coupler SC-Simplex, Plastic, Singlemode, zirconia, flange, blue		HMOLO00055



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Data Outlets 80x80mm empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSED01UW2S



HSED02UW2S



HSED03UW2S



HSED02UW1S



HSEDZBES



HSEAP842WF

■ SCHRACK-INFO

These data-outlets comprise a die-cast zinc housing and are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlets come in color RAL9010 and are suitable for cable-duct installation (CI), for flush-mounting (FM) or for surface-mounting (SM) by means of a separate wallmount-box. Floor-Box-installation (FB) is possible for angled outlets by breaking away 2 fastening lugs. Each outlet comes with its own paper and window for labelling. Delivery also includes the centralplate (50 x 50 mm) and the frame (80 x 80 mm). The angled outlets have dust-protection flaps and a Fast On earthing point. The labeling window is also available as a separate spare-part. Outlets can be combined with switch-programs by use of a distance-frame.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 80x80mm empty for 1 module (SFA)(SFB), angled, RAL9010		HSED01UW2S
Data Outlet 80x80mm empty for 2 modules (SFA)(SFB), angled, RAL9010		HSED02UW2S
Data Outlet 80x80mm empty for 3 modules (SFA)(SFB), angled, RAL9010		HSED03UW2S
Data Outlet 80x80mm empty for 2 modules (SFA)(SFB), straight, RAL9010		HSED02UW1S
Paper, window and screws for HSED0xUWxS		HSEDZBES
Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF

■ Data Outlet 80x80mm empty for Schrack Schrack Format B (SFB), UAE-centralplate



HSED02UWBS



HSEDZBES



HSEAP842WF

■ SCHRACK-INFO

This data-outlet comprise a die-cast zinc housing and is suitable for installation of all SCHRACK modules in Schrack Format B (SFB). The outlet comes in color RAL9010 and is suitable for cable-duct installation (CI), for flush-mounting (FM) or for surface-mounting (SM) by means of a separate wallmount-box. Design-compatibility is easily possible due to the UAE-compatible centralplate. Replacing of centralplate is possible with all switch-programs that offer UAE-compatible centralplates. Each outlet comes with its own paper and window for labelling. Delivery also includes the centralplate (50 x 50 mm) and the frame (80 x 80 mm). The angled outlets have dust-protection flaps and two Fast On earthing points. The labeling window is also available as a separate spare-part.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 80x80mm empty for 2 modules (SFB), angled, RAL9010		HSED02UWBS
Paper, window and screws for HSED0xUWxS		HSEDZBES
Wallmount Box for HSED0xUWxS, HSEDx2UWxS, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF

■ Integration into Schrack Technik Switch-Programs

VISIO 50	1 module SFA and SFB	2 modules SFA and SFB	2 modules SFB
Carrier insert	EV104005 ¹⁾	EV104005 ²⁾	HSED02UWBS
Centralplate 50x50mm	EV104003 ¹⁾	EV104004 ²⁾	EV104006 ³⁾
Frame 80x80mm	EV105001	EV105001	EV105001
Wallmount box	-	-	-
1) Cannot be used with coax F-F coupler and FO coupler. For these modules use the carrier insert and the centralplate of HSED01UW2S together with the distance adapter EV105011 --.			
2) Cannot be used with coax F-F coupler and FO coupler. For these modules use the carrier insert and the centralplate of HSED02UW2S together with the distance adapter EV105011 --.			
3) Cannot be used with coax F-F coupler and FO coupler.			
VISIO 45	1 module SFA and SFB	2 modules SFA and SFB	2 modules SFB
Carrier insert	ET105002	ET105004	-
Centralplate 45x22,5mm	ET102017 ¹⁾	ET102017 ¹⁾ (2x)	-
Frame 80x80mm	ET105010	ET105014	-
Wallmount box	-	-	-
1) Cannot be used with coax F-F coupler and FO coupler.			
ELSO	1 module SFA and SFB	2 modules SFA and SFB	2 modules SFB
Carrier insert	-	-	HSED02UWBS
Carrier insert, Centralplate 50x50mm	HSED01UW2S	HSED02UW2S	-
Centralplate 50x50 mm, Distance frame	-	-	EL206534
Distance frame	EL203084	EL203084	-
Frame 80x80mm Fashion	EL204104	EL204104	EL204104
Frame 80x80mm Scala	EL204114	EL204114	EL204114
Frame 80x80mm Riva	EL204124	EL204124	EL204124
Wallmount box Fashion	EL234114 ¹⁾	EL234114 ¹⁾	EL234114 ¹⁾
1) Frame 80x80mm Fashion EL204104 not necessary.			



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Data Outlets Wallmount empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSED01AW3S



HSED02AW3S



HSED04AW3S



HSED06AW3S



HSED12AW3S

■ SCHRACK-INFO

These wallmount data-outlets are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). When using the Coax- or FO-modules, the included dust-cover need to be removed. Included in delivery is a labelling window, marking clips, cable-ties, screws for fixing to the wall and a double-sided adhesive tape.

DESCRIPTION	AVAILABLE	ORDER NO.
Wallmount Data Outlet empty for 1 module (SFA)(SFB), W46xH30xD65, RAL9010		HSED01AW3S
Wallmount Data Outlet empty for 2 modules (SFA)(SFB), W68xH30xD65mm, RAL9010		HSED02AW3S
Wallmount Data Outlet empty for 4 modules (SFA)(SFB), W118xH30xD85mm, RAL9010		HSED04AW3S
Wallmount Data Outlet empty for 6 modules (SFA)(SFB), W173xH30xD85mm, RAL9010		HSED06AW3S
Wallmount Data Outlet empty for 12 modules (SFA)(SFB), W172xH38xD122mm, RAL9010		HSED12AW3S

■ Data Outlets 45x45mm empty for Schrack Format A (SFA) and Schrack Format B (SFB)



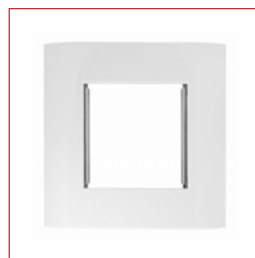
HSEMD02W2F



HSEMD01W1F



HSEMDZ1W1F



HSEMDR2W0F



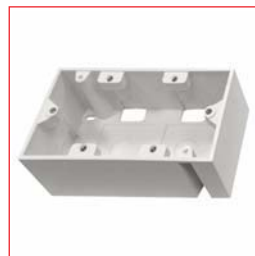
HSEMDR4W0F



HSEMDR6W0F



HSEAP842WF



HSEMAP4W3F



HSEMAP6W3F



HSEMHUT001

■ SCHRACK-INFO

These centralplates 45x45mm are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlets come in color RAL9010.

DESCRIPTION	AVAILABLE	ORDER NO.
Centralplate for 2 modules, 45x45mm, angled, RAL9010		HSEMD02W2F
Centralplate for 1 module, 45x22,5mm, straight, RAL9010		HSEMD01W1F
Blindcover 45x22,5mm, RAL9010		HSEMDZ1W1F
Frame Single 80x80mm for centralplate 45x45mm, RAL9010		HSEMDR2W0F
Frame Double 80x148mm for centralplates 45x45mm, RAL9010		HSEMDR4W0F
Frame Triple 80x205mm for centralplates 45x45mm, RAL9010		HSEMDR6W0F
Wallmount Box for HSEDOxUWxS, HSEDx2UWxF, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF
Wallmount-Box W148 x H45 x D80mm for HSEMDR4W0F, RAL9010		HSEMAP4W3F
Wallmount-Box W204 x H45 x D80mm for HSEMDR6W0F, RAL9010		HSEMAP6W3F
DIN-rail adapter for 45x45 centralplates		HSEMHUT001



Order no. blue: on stock, usually ready for delivery on the day of order!

IP44 Data Outlets Wallmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44APT



HSEIP44AKT



HSEIP44AUT

SCHRACK-INFO

The IP44 wallmount outlet in combination with the IP44 adapter insert is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlet comes in color RAL7035 (lightgrey). To improve strain relief, we recommend to use the M25/ 2x8 cable gland which has been designed to accommodate two cables with a diameter from 3mm up to 8mm.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Wallmount Box, lockable, 90x90x90mm, RAL7035		HSEIP44APT
IP44 cable gland M25 for 2 cables 3 - 8mm		HSEIP44AKT
IP44 Adapter empty for 2 modules (SFA)(SFB)		HSEIP44AUT

IP44 Data Outlets Flushmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44UPT



HSEIP44UDT



HSEIP44AUT

SCHRACK-INFO

The IP44 flushmount outlet in combination with the IP44 adapter insert is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlet comes in color RAL7035 (lightgrey). The complete flushmount outlet needs both, the flushmount cover and the flushmount box.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Flushmount cover, lockable, 90x35x90mm, RAL7035		HSEIP44UPT
IP44 Flushmount box for flushmount cover HSEIP44UPT		HSEIP44UDT
IP44 Adapter empty for 2 modules (SFA)(SFB)		HSEIP44AUT

■ DIN-Rail Adapter empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEH010GS



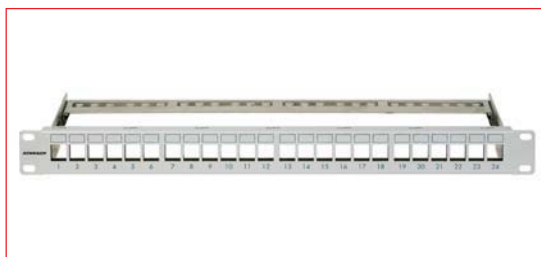
HSEH010GS

■ SCHRACK-INFO

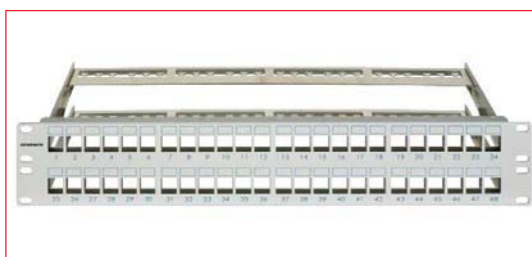
The DIN-rail adapter is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The adapter comes in color RAL7035 (lightgrey). The width equals to one unit (ca. 17.5mm). Shielded RJ45 modules are connected to the potential equalisation clamps during click-in via a spring-type contact. Labelling is possible by a paper behind a window. Each DIN-rail adapter comes with a side-cover. This cover is used as a protection against contact on the most-left and most-right adapter in a row.

DESCRIPTION	AVAILABLE	ORDER NO.
DIN-rail adapter empty for 1 module (SFA)(SFB)		HSEH010GS

■ Patchpanels 19" empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEH0240GS



HSEH0480GS



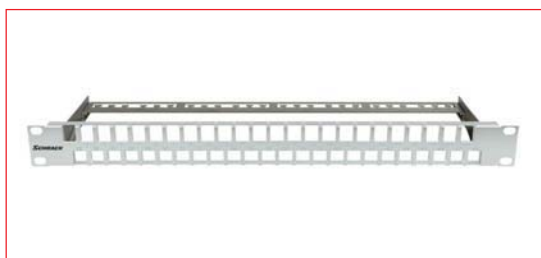
HSEMRZ01WF

■ SCHRACK-INFO

These patchpanels 19" are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanels come in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 19" empty for 24 modules (SFA)(SFB), 1U, RAL7035		HSEH0240GS
Patchpanel 19" empty for 48 modules (SFA)(SFB), 2U, RAL7035		HSEH0480GS
Blindcover for unused Patchpanel-Ports, RAL9010		HSEMRZ01WF

■ Patchpanel 19" empty für Schrack Format B (SFB)



HSEH0480GB



HSEMRZ01WF

■ SCHRACK-INFO

This patchpanel 19" is suitable for installation of all SCHRACK modules in Schrack Format B (SFB). The patchpanel comes in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 19" empty for 48 modules (SFB), 1U, RAL7035		HSEH0480GB
Blindcover for unused Patchpanel-Ports, RAL9010		HSEMRZ01WF



Order no. blue: on stock, usually ready for delivery on the day of order!

Patchpanel 10" empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0120GS

SCHRACK-INFO

This patchpanel 10" is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanel comes in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 10" empty for 12 modules (SFA)(SFB), 1 U, RAL7035		HSER0120GS

Patchpanel Desktop empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0080GV



HSERHUTADA

SCHRACK-INFO

This desktop patchpanel is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanel comes in color RAL7035 (lightgrey). The patchpanel kann be fixed to a wall. Available accessories are adapter-clips (1 PU = 2 pieces), which are needed to fix the patchpanel to a DIN-rail.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel Desktop empty for 8 modules (SFA)(SFB), RAL7035		HSER0080GV
DIN-rail mounting clips (2 pieces) for HSERG086GV/HSER0080GV		HSERHUTADA

Tools



HTOOL00002



HTOOL00003



HTOOL00004



HTOOL00005

SCHRACK-INFO

A flat side cutter is needed to cut the copper wires of the installation cable correctly when installing TOOLLESS LINE modules.

DESCRIPTION	AVAILABLE	ORDER NO.
Side cutter flat for wire up to 1.3mm diameter		HTOOL00002
Side cutter flat for wire up to 1.0mm diameter		HTOOL00003
Cable Stripper for Jacket of Installationcables		HTOOL00004
Cable Stripper for Jacket and Foil of Installationcables		HTOOL00005



LED Patchcords RJ45 shielded Cat.6_A (System Patchcord Class E_A)

SCHRACK-INFO

During planning and first installation of a structured cabling system a lot of time is invested to find the correct structure. At the time when the network is going into operation, all patchcords in the network enclosures are documented clearly and in detail. The assignment is clear. When time goes by, the needs change and patching is changed accordingly. Mostly the documentation remains unchanged and the assignment results to be "pure chaos". Especially when patching from one enclosure to another (as frequently done in data centres), it is nearly impossible to find both ends of a patchcord. The result: Loss of time and also frequently data loss due to disconnecting a wrong patchcord.

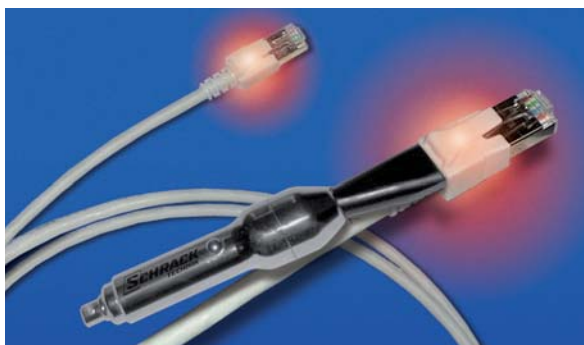
The solution: SCHRACK LED Patchcords in use together with the Patchfinder tool. Disconnecting a wrong patchcord belongs to the past. Also after many changes of the patching, the assignment of the patchcord is easy and 100 % correct.



SCHRACK LED Patchcords are suitable for data transfer up to 10 Gigabit Ethernet and 500 MHz bandwidth.



SCHRACK LED Patchcords with Light-functionality together with the Patchfinder light source (Order-No.: HLEDTOOL) "shed light" on the network enclosure. On the back of the plug of the LED patchcord, there are two contact openings for the Patchfinder tool.



By connecting the Patchfinder to the contact-openings, both kink protection hoods at both ends of the patchcord start to light up in red. Data transmission is of course not affected. For optimized identification, there are three modes available: Permanent light, slow and quick flashing. This assures easy assignment also in the vicinity of flashing switch ports.



An additional help for identification offer the different colour clips (Order-No.: HLEDCLIPx). By use of these clips, different services can be marked in red, blue, green and yellow as required.

LED Patchcords RJ45 shielded Cat.6_A 10GB (System-Patchcords Class E_A)



H6GSG02K0G



H6GSG02K0G



H6GSB02K0B



H6GSR02K0R



H6GSY02K0Y



H6GSU02K0U

SCHRACK-INFO

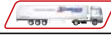
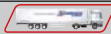
Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. On the RJ45 connector of the LED patchcord, there are two contacts for the Patchfinder tool. By connecting the Patchfinder to the contacts, the boots at both ends of the LED patchcord start to light. Thus the patching is easily identified. During Light-functionality, Data-transmission remains stable and is not affected. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 0.33m		H6GSG00K3G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 0.5m		H6GSG00K5G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 1.0m		H6GSG01K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 2.0m		H6GSG02K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 3.0m		H6GSG03K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 5.0m		H6GSG05K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 7.0m		H6GSG07K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 10.0m		H6GSG10K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 15.0m		H6GSG15K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 20.0m		H6GSG20K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 30.0m		H6GSG30K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 50.0m		H6GSG50K0G
Blue		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 0.5m		H6GSB00K5B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 1.0m		H6GSB01K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 2.0m		H6GSB02K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 3.0m		H6GSB03K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 5.0m		H6GSB05K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 7.0m		H6GSB07K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 10.0m		H6GSB10K0B
Red		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 0.5m		H6GSR00K5R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 1.0m		H6GSR01K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 2.0m		H6GSR02K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 3.0m		H6GSR03K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 5.0m		H6GSR05K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 7.0m		H6GSR07K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 10.0m		H6GSR10K0R
Yellow		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 0.5m		H6GSY00K5Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 1.0m		H6GSY01K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 2.0m		H6GSY02K0Y



Order no. blue: on stock, usually ready for delivery on the day of order!

LED Patchcords RJ45 shielded Cat.6_A 10GB (System-Patchcords Class E_A)

DESCRIPTION	AVAILABLE	ORDER NO.
Yellow		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, yellow, 3.0m		H6GSY03K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, yellow, 5.0m		H6GSY05K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, yellow, 7.0m		H6GSY07K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, yellow, 10.0m		H6GSY10K0Y
Green		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 0.5m		H6GSU00K5U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 1.0m		H6GSU01K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 2.0m		H6GSU02K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 3.0m		H6GSU03K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 5.0m		H6GSU05K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 7.0m		H6GSU07K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 10.0m		H6GSU10K0U
Aqua		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 0.5m		H6GSA00K5A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 1.0m		H6GSA01K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 2.0m		H6GSA02K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 3.0m		H6GSA03K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 5.0m		H6GSA05K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 7.0m		H6GSA07K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 10.0m		H6GSA10K0A

Patchfinder Light Injector for LED Patchcords



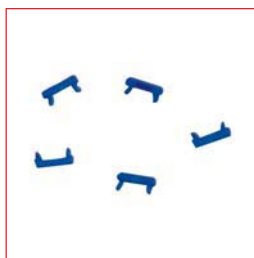
HLEDTOOL

SCHRACK-INFO

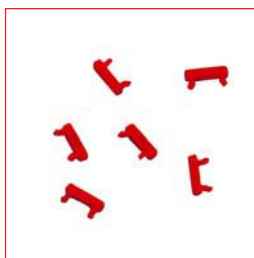
The Patchfinder is a power-supply, which activates the light of the LEDs of the LED patchcords. Three operational modes are available: Permanent light, slow and quick flashing. There is a mechanical reverse voltage protection included. Batteries are included in delivery (4 x LR41).

DESCRIPTION	AVAILABLE	ORDER NO.
Patchfinder Light Injector for LED patchcords		HLEDTOOL

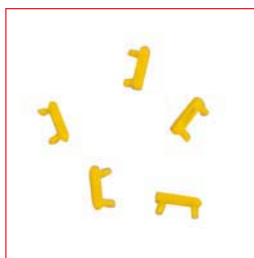
Colored Marking Clips for LED Patchcords



HLEDCLIPB



HLEDCLIPR



HLEDCLIPY



HLEDCLIPU

SCHRACK-INFO

An additional identification feature is realised by use of the different color-coding clips. Different services can be marked by the colors blue, red, yellow and green.

DESCRIPTION	AVAILABLE	ORDER NO.
Marking clip for color coding for LED patchcord, blue, 100 pcs.		HLEDCLIPB
Marking clip for color coding for LED patchcord, red, 100 pcs.		HLEDCLIPR
Marking clip for color coding for LED patchcord, yellow, 100 pcs.		HLEDCLIPY
Marking clip for color coding for LED patchcord, green, 100 pcs.		HLEDCLIPU

Patchcord RJ45 shielded Cat.6 (System-Patchcord Class E)



H6GLG02K0G



H6GLG02K0G



H6GLB02K0B



H6GLR02K0R



H6GLY02K0Y



H6GLU02K0U

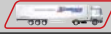
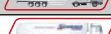
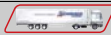
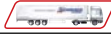
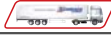
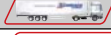
SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. Patchcord with moulded boot in matching cable color. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 shielded Cat.6, PVC, grey, 0.5m		H6GLG00K5G
Patchcord RJ45 shielded Cat.6, PVC, grey, 1.0m		H6GLG01K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 2.0m		H6GLG02K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 3.0m		H6GLG03K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 5.0m		H6GLG05K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 7.0m		H6GLG07K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 10.0m		H6GLG10K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 15.0m		H6GLG15K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 20.0m		H6GLG20K0G
Blue		
Patchcord RJ45 shielded Cat.6, PVC, blue, 0.5m		H6GLB00K5B
Patchcord RJ45 shielded Cat.6, PVC, blue, 1.0m		H6GLB01K0B
Patchcord RJ45 shielded Cat.6, PVC, blue, 2.0m		H6GLB02K0B



■ Patchcord RJ45 shielded Cat.6 (System-Patchcord Class E)

DESCRIPTION	AVAILABLE	ORDER NO.
Blue		
Patchcord RJ45 shielded Cat.6, PVC, blue, 3.0m		H6GLB03K0B
Patchcord RJ45 shielded Cat.6, PVC, blue, 5.0m		H6GLB05K0B
Patchcord RJ45 shielded Cat.6, PVC, blue, 10.0m		H6GLB10K0B
Red		
Patchcord RJ45 shielded Cat.6, PVC, red, 0.5m		H6GLR00K5R
Patchcord RJ45 shielded Cat.6, PVC, red, 1.0m		H6GLR01K0R
Patchcord RJ45 shielded Cat.6, PVC, red, 2.0m		H6GLR02K0R
Patchcord RJ45 shielded Cat.6, PVC, red, 3.0m		H6GLR03K0R
Patchcord RJ45 shielded Cat.6, PVC, red, 5.0m		H6GLR05K0R
Patchcord RJ45 shielded Cat.6, PVC, red, 10.0m		H6GLR10K0R
Yellow		
Patchcord RJ45 shielded Cat.6, PVC, yellow, 0.5m		H6GLY00K5Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 1.0m		H6GLY01K0Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 2.0m		H6GLY02K0Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 3.0m		H6GLY03K0Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 5.0m		H6GLY05K0Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 10.0m		H6GLY10K0Y
Green		
Patchcord RJ45 shielded Cat.6, PVC, green, 0.5m		H6GLU00K5U
Patchcord RJ45 shielded Cat.6, PVC, green, 1.0m		H6GLU01K0U
Patchcord RJ45 shielded Cat.6, PVC, green, 2.0m		H6GLU02K0U
Patchcord RJ45 shielded Cat.6, PVC, green, 3.0m		H6GLU03K0U
Patchcord RJ45 shielded Cat.6, PVC, green, 5.0m		H6GLU05K0U
Patchcord RJ45 shielded Cat.6, PVC, green, 10.0m		H6GLU10K0U

■ Patchcord RJ45 shielded Cat.5e (System-Patchcord Class D)



H5GLG02K0G



H5GLG02K0G



H5GLB02K0B



H5GLR02K0R



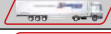
H5GLY02K0Y



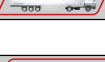
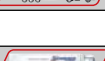
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■ SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. Patchcord with moulded boot in matching cable color. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 shielded Cat.5e, PVC, grey, 0.5m		H5GLG00K5G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 1.0m		H5GLG01K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 2.0m		H5GLG02K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 3.0m		H5GLG03K0G

■ Patchcord RJ45 shielded Cat.5e (System-Patchcord Class D)

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 shielded Cat.5e, PVC, grey, 5.0m		H5GLG05K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 7.0m		H5GLG07K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 10.0m		H5GLG10K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 15.0m		H5GLG15K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 20.0m		H5GLG20K0G
Blue		
Patchcord RJ45 shielded Cat.5e, PVC, blue, 0.5m		H5GLB00K5B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 1.0m		H5GLB01K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 2.0m		H5GLB02K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 3.0m		H5GLB03K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 5.0m		H5GLB05K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 7.0m		H5GLB07K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 10.0m		H5GLB10K0B
Red		
Patchcord RJ45 shielded Cat.5e, PVC, red, 0.5m		H5GLR00K5R
Patchcord RJ45 shielded Cat.5e, PVC, red, 1.0m		H5GLR01K0R
Patchcord RJ45 shielded Cat.5e, PVC, red, 2.0m		H5GLR02K0R
Patchcord RJ45 shielded Cat.5e, PVC, red, 3.0m		H5GLR03K0R
Patchcord RJ45 shielded Cat.5e, PVC, red, 5.0m		H5GLR05K0R
Patchcord RJ45 shielded Cat.5e, PVC, red, 7.0m		H5GLR07K0R
Patchcord RJ45 shielded Cat.5e, PVC, red, 10.0m		H5GLR10K0R
Yellow		
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 0.5m		H5GLY00K5Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 1.0m		H5GLY01K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 2.0m		H5GLY02K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 3.0m		H5GLY03K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 5.0m		H5GLY05K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 7.0m		H5GLY07K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 10.0m		H5GLY10K0Y
Green		
Patchcord RJ45 shielded Cat.5e, PVC, green, 0.5m		H5GLU00K5U
Patchcord RJ45 shielded Cat.5e, PVC, green, 1.0m		H5GLU01K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 2.0m		H5GLU02K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 3.0m		H5GLU03K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 5.0m		H5GLU05K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 7.0m		H5GLU07K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 10.0m		H5GLU10K0U



LED Patchcords RJ45 unshielded Cat.6 (System-Patchcords Class E)



H6USG02K0G



H6USG02K0G

SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. On the RJ45 connector of the LED patchcord, there are two contacts for the Patchfinder tool. By connecting the Patchfinder to the contacts, the boots at both ends of the LED patchcord start to light. Thus the patching is easily identified. During Light-functionality, Data-transmission remains stable and is not affected. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 0.5m		H6USG00K5G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 1.0m		H6USG01K0G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 2.0m		H6USG02K0G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 3.0m		H6USG03K0G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 5.0m		H6USG05K0G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 7.0m		H6USG07K0G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 10.0m		H6USG10K0G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 15.0m		H6USG15K0G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 20.0m		H6USG20K0G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 25.0m		H6USG25K0G
LED Patchcord RJ45 unshielded Cat.6, LSOH, grey, 30.0m		H6USG30K0G

Patchfinder Light Injector for LED Patchcords



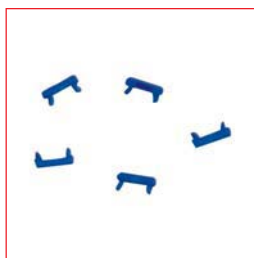
HLEDTOOL

SCHRACK-INFO

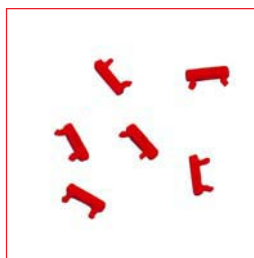
The Patchfinder is a power-supply, which activates the light of the LEDs of the LED patchcords. Three operational modes are available: Permanent light, slow and quick flashing. There is a mechanical reverse voltage protection included. Batteries are included in delivery (4 x LR41).

DESCRIPTION	AVAILABLE	ORDER NO.
Patchfinder Light Injector for LED patchcords		HLEDTOOL

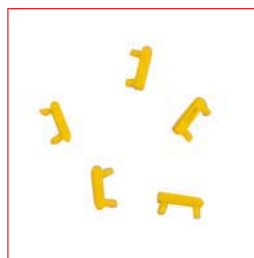
Colored Marking Clips for LED Patchcords



HLEDCLIPB



HLEDCLIPR



HLEDCLIPY



HLEDCLIPU

SCHRACK-INFO

An additional identification feature is realised by use of the different color-coding clips. Different services can be marked by the colors blue, red, yellow and green.

DESCRIPTION	AVAILABLE	ORDER NO.
Marking clip for color coding for LED patchcord, blue, 100 pcs.		HLEDCLIPB
Marking clip for color coding for LED patchcord, red, 100 pcs.		HLEDCLIPR
Marking clip for color coding for LED patchcord, yellow, 100 pcs.		HLEDCLIPY
Marking clip for color coding for LED patchcord, green, 100 pcs.		HLEDCLIPU

Patchcord RJ45 unshielded Cat.6



H6ULG02K0G



H6ULG02K0G



H6ULB02K0B



H6ULR02K0R



H6ULY02K0Y



H6ULU02K0U

SCHRACK-INFO

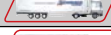
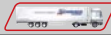
Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. Patchcord with moulded boot in matching cable color. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 unshielded Cat.6, PVC, grey, 0.5m		H6ULG00K5G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 1.0m		H6ULG01K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 2.0m		H6ULG02K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 3.0m		H6ULG03K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 5.0m		H6ULG05K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 7.0m		H6ULG07K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 10.0m		H6ULG10K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 15.0m		H6ULG15K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 20.0m		H6ULG20K0G
Blue		
Patchcord RJ45 unshielded Cat.6, PVC, blue, 1.0m		H6ULB01K0B
Patchcord RJ45 unshielded Cat.6, PVC, blue, 2.0m		H6ULB02K0B
Patchcord RJ45 unshielded Cat.6, PVC, blue, 3.0m		H6ULB03K0B



Order no. blue: on stock, usually ready for delivery on the day of order!

Patchcord RJ45 unshielded Cat.6

DESCRIPTION	AVAILABLE	ORDER NO.
Blue		
Patchcord RJ45 unshielded Cat.6, PVC, blue, 5.0m		H6ULB05K0B
Patchcord RJ45 unshielded Cat.6, PVC, blue, 10.0m		H6ULB10K0B
Red		
Patchcord RJ45 unshielded Cat.6, PVC, red, 1.0m		H6ULR01K0R
Patchcord RJ45 unshielded Cat.6, PVC, red, 2.0m		H6ULR02K0R
Patchcord RJ45 unshielded Cat.6, PVC, red, 3.0m		H6ULR03K0R
Patchcord RJ45 unshielded Cat.6, PVC, red, 5.0m		H6ULR05K0R
Patchcord RJ45 unshielded Cat.6, PVC, red, 10.0m		H6ULR10K0R
Yellow		
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 1.0m		H6ULY01K0Y
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 2.0m		H6ULY02K0Y
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 3.0m		H6ULY03K0Y
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 5.0m		H6ULY05K0Y
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 10.0m		H6ULY10K0Y
Green		
Patchcord RJ45 unshielded Cat.6, PVC, green, 1.0m		H6ULU01K0U
Patchcord RJ45 unshielded Cat.6, PVC, green, 2.0m		H6ULU02K0U
Patchcord RJ45 unshielded Cat.6, PVC, green, 3.0m		H6ULU03K0U
Patchcord RJ45 unshielded Cat.6, PVC, green, 5.0m		H6ULU05K0U
Patchcord RJ45 unshielded Cat.6, PVC, green, 10.0m		H6ULU10K0U

Patchcord RJ45 unshielded Cat.5e (System-Patchcord Class D)



H5ULG02K0G



H5ULG02K0G



H5ULB02K0B



H5ULR02K0R



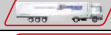
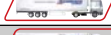
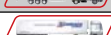
H5ULY02K0Y



H5ULU02K0U

SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. Patchcord with moulded boot in matching cable color. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 0.5m		H5ULG00K5G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 1.0m		H5ULG01K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 2.0m		H5ULG02K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 3.0m		H5ULG03K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 5.0m		H5ULG05K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 7.0m		H5ULG07K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 10.0m		H5ULG10K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 15.0m		H5ULG15K0G

■ Patchcord RJ45 unshielded Cat.5e (System-Patchcord Class D)

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 20.0m		H5ULG20K0G
Blue		
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 0.5m		H5ULB00K5B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 1.0m		H5ULB01K0B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 2.0m		H5ULB02K0B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 3.0m		H5ULB03K0B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 5.0m		H5ULB05K0B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 10.0m		H5ULB10K0B
Red		
Patchcord RJ45 unshielded Cat.5e, PVC, red, 0.5m		H5ULR00K5R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 1.0m		H5ULR01K0R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 2.0m		H5ULR02K0R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 3.0m		H5ULR03K0R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 5.0m		H5ULR05K0R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 10.0m		H5ULR10K0R
Yellow		
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 0.5m		H5ULY00K5Y
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 1.0m		H5ULY01K0Y
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 2.0m		H5ULY02K0Y
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 3.0m		H5ULY03K0Y
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 5.0m		H5ULY05K0Y
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 10.0m		H5ULY10K0Y
Green		
Patchcord RJ45 unshielded Cat.5e, PVC, green, 0.5m		H5ULU00K5U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 1.0m		H5ULU01K0U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 2.0m		H5ULU02K0U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 3.0m		H5ULU03K0U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 5.0m		H5ULU05K0U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 10.0m		H5ULU10K0U

■ Patchcords Coax



HS4HC02K5



HS4HC02K5

■ SCHRACK-INFO

Coax patchcord with F-Quick connector at both ends. Quality grade Class A. Screening factor > 90dB.

DESCRIPTION	AVAILABLE	ORDER NO.
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 0.5m		HS4HC00K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 1.0m		HS4HC01K0
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 1.5m		HS4HC01K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 2.5m		HS4HC02K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 3.5m		HS4HC03K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 5.0m		HS4HC05K0



Order no. blue: on stock, usually ready for delivery on the day of order!

Installation cable S/FTP Cat.7_A 1200 MHz



HSEKP422HB



HSEKP822HB

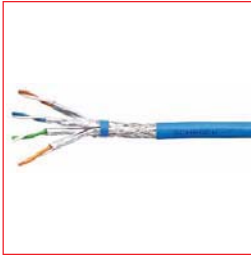
SCHRACK-INFO

Installation cables for generic, structured network cabling systems. Support all applications requiring Class D to Class F_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
	Cat.7 _A acc. to IEC 61156-5, EN 50288-9-1
Conductor:	Simplex: 4 individual shielded twisted pairs / Duplex: 2x4
Conductor material:	Solid bare copper, AWG22/1 (0.64mm)
Insulation material:	Foamed Polyethylen
Nominal diameter over insulation:	1.54mm
Pair shield:	AL-foil (PiMF)
Overall braid:	Solid, tinned copper, Coverage = 50%
Jacket:	LSOH-3, FRNC acc. to
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-3-24, EN 60332-3-24
Outside diameter:	Simplex: 8.1 mm ± 0.3 mm, duplex: 8.1 mm ± 0.3 mm x 17.5 mm ± 0.5 mm
Jacket color:	Blue, RAL5015
Temperature range during operation, storage:	-30°C to +60°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	Simplex: 33mm, Duplex: 33mm (flat side)
Min. bend radius during installation:	Simplex: 66mm, Duplex: 66mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 700kJ/m, Duplex: 1400kJ/m
Total cable weight:	Simplex: 65kg/km, Duplex: 130kg/km
NVP (Nominal velocity of propagation):	0.73c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7 _A 4x2xAWG22/1, 1.200Mhz, LSOH-3, 50%, blue		HSEKP422HB
S/FTP Cable Cat.7 _A 2x(4x2xAWG22/1), 1.200Mhz, LSOH-3, 50% blue		HSEKP822HB

Installationscables S/FTP Cat.7 1000 MHz LS0H-3



HSEKP4233K



HSEKP8233K

SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D to Class F (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
Conductor:	Cat.7 acc. to IEC 61156-5, EN 50288-4-1
Conductor material:	Simplex: 4 individual shielded twisted pairs / Duplex: 2x4
Insulation material:	Solid bare copper, AWG23/1 (0.57mm)
Nominal diameter over insulation:	Foamed Polyethylen
Pair-foil:	1.4mm
Overall braid:	AL-foil (PiMF)
Jacket:	Solid, tinned copper, coverage = 35%
	LS0H-3, FRNC acc. to
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-3-24, EN 60332-3-24
Outside diameter:	Simplex: 7.5mm, Duplex: 7.5mm x 15.2mm
Jacket color:	Blue, RAL5015
Temperature range during operation, storage:	-20°C to +60°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	Simplex: 30mm, Duplex: 30mm (flat side)
Min. bend radius during installation:	Simplex: 60mm, Duplex: 60mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 600kJ/m, Duplex: 1200kJ/m
Total cable weight:	Simplex: 59kg/km, Duplex: 136kg/km
NVP (Nominal velocity of propagation):	0,80c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H-3, blue		HSEKP4233K
S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LS0H-3, blue		HSEKP8233K



Installation cable S/FTP Cat.7 1000 MHz (System-Installation cable Class E_A)



HSEKP423HB



HSEKP823HB

SCHRACK-INFO

Installation cables for generic, structured network cabling systems. Support all applications requiring Class D to Class F (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
	Cat.7 acc. IEC 61156-5, EN 50288-4-1
Conductor:	Simplex: 4 individual shielded, twisted pair / Duplex: 2x4
Conductor material:	Solid bare copper AWG23/1 (0.58mm)
Insulation material:	Foamed polyethylene
Nominal diameter over insulation:	1.45mm
Pair-Shield:	AL-foil (PiMF)
Overall Braid:	Solid, tinned copper, coverage = 40%
Jacket:	LSOH, FRNC according to:
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-1, EN 60332-1
Outside diameter:	Simplex: 7.2mm ± 0.3mm, Duplex: 7.2mm ± 0.3mm x 16.0mm ± 0.5mm
Jacket color:	Blue, RAL 5015
Temperature range during operation, storage:	-30°C bis +60°C
Temperature range during installation:	0°C bis +50°C
Min. bend radius during operation:	Simplex: 29mm, Duplex: 29mm (flat side)
Min. bend radius during installation:	Simplex: 58mm, Duplex: 58mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 500kJ/m, Duplex: 1000kJ/m
Total cable weight:	Simplex: 53kg/km, Duplex: 111kg/km
NVP (Nominal velocity of propagation)	0.78c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LSOH, 40%, blue		HSEKP423HB
S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LSOH, 40%, blue		HSEKP823HB

Installation cable F/FTP Cat.6_A 500 MHz (System-Installation cable Class E)



HSEKP423HA



HSEKP823HA

SCHRACK-INFO

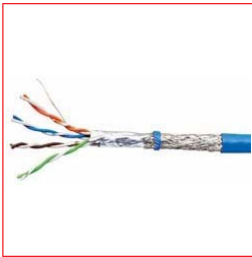
Installation cables for generic, structured network cabling systems. Support all applications requiring Class D to Class E_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
Conductor:	Cat.6 _A according IEC 61156-5, EN 50288-10-1
Conductor material:	Simplex: 4 individual shielded twisted pairs / Duplex: 2x4
Drain wire:	Solid bare copper AWG23/1
Insulation material:	AWG26/1
Pair-Foil:	halogenfree foam/skin material
Overall shield:	AL-foil (PIMF)
Jacket:	AL-foil
	LSOH, FRNC acc. to
	IEC 61034, EN 50268
	IEC 60754, EN 50267
	IEC 60332-1, EN 60332-1
Outside diameter:	Simplex: 7.2mm, duplex: 7.2mm x 15.0mm
Jacket color:	Blue, RAL5015
Temperature range during operation, storage:	-20°C to +60°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	Simplex: 22mm, Duplex: 22mm (flat side)
Min. bend radius during installation:	Simplex: 55mm, Duplex: 55mm (flat side)
Max. pulling strength:	Simplex: 145N, Duplex: 290N
Burning load:	Simplex: 580kJ/m, Duplex: 1180 kJ/m
Total cable weight:	Simplex: 50kg/km, Duplex: 100kg/km
NVP (Nominal velocity of propagation):	0,79c

DESCRIPTION	AVAILABLE	ORDER NO.
F/FTP Cable Cat.6 _A , 4x2xAWG23/1, 500MHz, LSOH, blue		HSEKP423HA
F/FTP Cable Cat.6 _A , 2x(4x2xAWG23/1), 500MHz, LSOH, blue		HSEKP823HA



Installationcable SF/UTP Cat.5e (System-Installationcable Class D)



HSEKS424PP

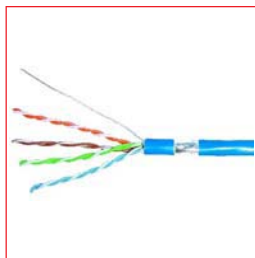
SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

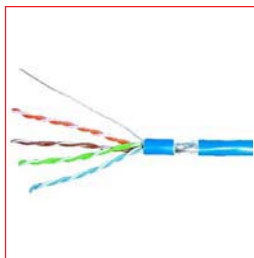
Standards:	ISO/IEC 11801, EN 50173-1
	Cat.5 acc. to IEC 61156-5, EN 50288-2-1
Conductor:	4 unshielded, twisted pairs
Conductor material:	Solid bare copper AWG24/1 (0.52mm)
Insulation material:	PE
Nominal diameter over insulation:	1.05mm
Overall Shield:	AL-foil + tinned copper-wire braid
Jacket:	PVC
Outside diameter:	6.0mm
Jacket color:	Blue
Temperature range during operation, storage:	-20°C to +70°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	30mm
Min. bend radius during installation:	50mm
Max. pulling strength:	100N
Total cable weight:	45kg/km
NVP (Nominal velocity of propagation):	0.75c

DESCRIPTION	AVAILABLE	ORDER NO.
SF/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue		HSEKS424PP

Installation cable F/UTP Cat.5e



HSEKF424PP



HSEKF424H1

SCHRACK-INFO

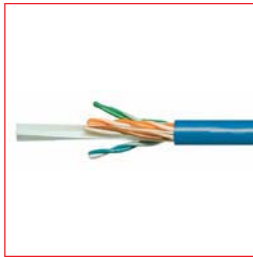
Installation cables for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

	HSEKF424H1	HSEKF424P1	HSEKF424PP
Standards:	ISO/IEC 11801, EN 50173-1 Cat.5 acc. IEC 61156-5, EN 50288-2-1		
Conductor:	4 unshielded, twisted pairs		
Conductor material:	Solid bare copper, AWG24/1 (0.52 mm)		
Drain wire:	AWG26/7 (0.16 mm)		
Insulation material:	PE		
Nominal diameter over insulation:	1.05mm		0.93mm
Overall shield:	Al-foil		
Jacket:	LSOH acc. to IEC 60332-1, EN 60332-1		PVC
Outside diameter:	5.2mm		5.9mm
Jacket color:	Blue		
Temperature range during operation, storage:	-20°C to +70°C		
Temperature range during installation:	0°C to +50°C		
Min. bend radius during operation:	30mm		
Min. bend radius during installation:	50mm		
Max. pulling strength:	100N		
Total cable weight:	39kg/km	38kg/km	49kg/km
NVP (Nominal velocity of propagation):	0.75c		0.68c

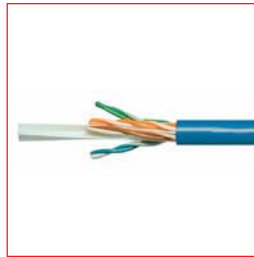
DESCRIPTION	AVAILABLE	ORDER NO.
F/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue, Drum		HSEKF424PP
F/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue, Box		HSEKF424P1
F/UTP Cable Cat.5e, 4x2xAWG24/1, LSOH, blue, Box		HSEKF424H1



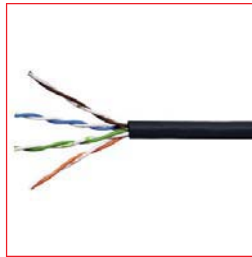
Installationcable U/UTP Cat.6 300 MHz (System-Installationcable Class E)



HSEKU423P1



HSEKU423H1



HSEKU423E3

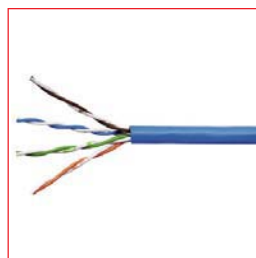
SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D to Class E (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

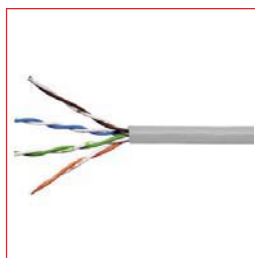
	HSEKU423P1	HSEKU423H1	HSEKU423E3
Standards:	ISO/IEC 11801, EN 50173-1		
	Cat.6 acc. IEC 61156-5, EN 50288-6-1		
Conductor:	4 unshielded, twisted pairs		
Conductor material:	Solid bare copper AWG23/1		
Cross separator:	Polyethylen		---
Insulation material:	Polyethylen		HDPE
Nominal diameter over insulation	0.96mm		0.91mm
Jacket:	PVC	LS0H acc. to IEC 60332-1, EN 60332-1	LDPE
Outside diameter:	5.7mm ± 0.3mm		6.5mm
Jacket color:	Blue		Black
Temperature range during operation, storage:	-30°C to +60°C		-10°C to +60°C
Temperature range during installation:	0°C to +50°C		
Min. bend radius during operation:	23mm		26mm
Min. bend radius during installation:	46mm		52mm
Max. pulling strength:	80N		90N
Total cable weight:	37kg/km		30kg/km
NVP (Nominal velocity of propagation):	0.70c		0.69c

DESCRIPTION	AVAILABLE	ORDER NO.
U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, PVC, blue		HSEKU423P1
U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, LS0H, blue		HSEKU423H1
U/UTP Cable Cat.6, 4x2xAWG23/1, PE OUTDOOR, black		HSEKU423E3

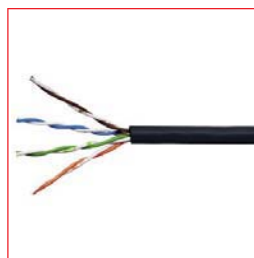
Installation cable U/UTP Cat.5e (System-Installation cable Class D)



HSEKU424P1



HSEKU424PO



HSEKU424E3

SCHRACK-INFO

Installation cables for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

	HSEKU424P1	HSEKU424P0	HSEKU424PB	HSEKU424H1	HSEKU424E3
Standards:	ISO/IEC 11801, EN 50173-1				
	Cat.5 acc. to IEC 61156-5, EN 50288-3-1				
Conductor:	4 unshielded, twisted pairs				
Conductor material:	Solid bare copper, AWG24/1 (0.51mm)				
Insulation material:	HDPE				
Nominal diameter over insulation:	0.9mm				0.91mm
Jacket:	PVC			LSOH acc. to IEC 60332-1, EN 60332-1	LDPE
Outside diameter:	5.2mm				5.1mm
Jacket color:	Blue	Grey	Blue		Black
Temperature range during operation, storage	-10°C to +60°C				
Temperature range during installation:	0°C to +50°C				
Min. bend radius during operation:	21mm				
Min. bend radius during installation:	42mm				
Max. pulling strength:	90N				
Total cable weight:	30kg/km				
NVP (Nominal velocity of propagation):	0.69c				

DESCRIPTION	AVAILABLE	ORDER NO.
U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue, Box		HSEKU424P1
U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, grey, Box		HSEKU424PO
U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue, Drum		HSEKU424PB
U/UTP Cable Cat.5e, 4x2xAWG24/1, LSOH, blue, Box		HSEKU424H1
U/UTP Cable Cat.5e, 4x2xAWG24/1, PE OUTDOOR, black		HSEKU424E3



Coaxcables DIGI-SAT 3030



XC1609901

SCHRACK-INFO

Class A, SAT- and Digital use. 75Ω, 1.02mm / 4.60mm / 6.80mm, PVC, Screening effectiveness: 100dB. Triple shielding.

DESCRIPTION	AVAILABLE	ORDER NO.
DIGI-SAT 3030 Coaxable, 75 Ohm, PVC white, Spool 100m		XC1609901
DIGI-SAT 3030 Coaxable, 75 Ohm, PVC white, Drum 500m		XC1609903

Coaxcables DIGI-SAT 3011



XC1601501

SCHRACK-INFO

Class A, SAT- and Digital use. 75Ω, 1.13mm / 5.0mm / 6.8mm, PE, Screening effectiveness: 90dB. For outdoor use.

DESCRIPTION	AVAILABLE	ORDER NO.
DIGI-SAT 3011 Coaxable, 75 Ohm, PE black, Spool 100m		XC1601501
DIGI-SAT 3011 Coaxable, 75 Ohm, PE black, Drum 500m		XC1601503

Coaxcables DIGI-SAT 3010



XC1609401

SCHRACK-INFO

Class A, SAT- and Digital use. 75Ω, 1.13mm / 4.80mm / 6.80mm, PVC, Screening effectiveness: 95dB.

DESCRIPTION	AVAILABLE	ORDER NO.
DIGI-SAT 3010 Coaxable, 75 Ohm, PVC white, Spool 100m		XC1609401
DIGI-SAT 3010 Coaxable, 75 Ohm, PVC white, Drum 500m		XC1609403

Coaxcables DIGI-SAT 3000



XC1608901

SCHRACK-INFO

Class A, SAT- and Digital use. 75Ω, 1.02mm / 4.60mm / 6.60mm, PVC or LSOH, Screening effectiveness: 95dB.

DESCRIPTION	AVAILABLE	ORDER NO.
DIGI-SAT 3000 Coaxable, 75 Ohm, PVC white, Spool 100m		XC1608901
DIGI-SAT 3000 Coaxable, 75 Ohm, PVC white, Drum 500m		XC1608903
DIGI-SAT 3000 Coaxable, 75 Ohm, LSOH, white, Spool 100m		XC1608911
DIGI-SAT 3000 Coaxable, 75 Ohm, LSOH, white, Drum 500m		XC1608913

Coax Connectors



XC1600700



XC1600701

DESCRIPTION	AVAILABLE	ORDER NO.
Coax F-Connector male, screwable, for cable 7mm		XC1600700
Coax F-Connector Push On, for cable 7mm		XC1600701

Coax Adapters



HS4HFBIS



HS4HFBIB



XC1600702

DESCRIPTION	AVAILABLE	ORDER NO.
Coax Adapter F-female to IEC-male, 10 pcs.		HS4HFBIS
Coax Adapter F-female to IEC-female, 10 pieces		HS4HFBIB
Coax Coupler F-female to F-female		XC1600702

Coax Tools



XC1600710

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Stripper for coax cable 7/11 mm, changeable knife		XC1600710



Order no. blue: on stock, usually ready for delivery on the day of order!





LED LINK LINE Cat.6_A STP System Modular

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LED LINK LINE



PRE-ASSEMBLY POSSIBLE





LED LINK LINE Cat.6_A STP System Modular

The LED LINK LINE by SCHRACK TECHNIK is a high-quality cabling system for office, data centre and industrial environments. Assembly is very easy. A crimp tool is used to crimp the contact block onto the wires. Then the contact block is inserted into the connector and the connector is locked. This establishes a permanent link according to Class E_A for 10 Gigabit Ethernet. The connector conforms with Cat.6_A. They are available in two versions: with LED or without LED. The Linkfinder is plugged into a jack with LED functionality. The LEDs on the jacks on both cable ends light up, which makes it possible to identify the permanent link. The contact block is available in two versions: for installation cables (AWG24-AWG22, yellow) and for flex cables (AWG27- AWG26, white). The pre-assembled permanent link is equipped with a pull protection on both ends. The contact block with pull protection is very compact and is therefore only slightly larger than the cable diameter itself. The pre-assembled permanent links are tested and inspected before delivery. The test report is included. SCHRACK TECHNIK keeps pre-assembled installation cables in stock in the lengths 15m, 20m, 25m, 30m, 35m, 40m, 45m, 50m, 60m, 70m, 80m and 90m.

LED LINK LINE Jacks RJ45 shielded Cat.6_A 10GB in Schrack Format A (SFA)



HSLMGMLI01



HSLMGOLI01

SCHRACK-INFO

These LED LINK LINE jacks RJ45 are modules in Schrack Format A (SFA) and fulfill Cat.6_A performance for 10 Gigabit Ethernet. The jacks are available in two versions: with LED and without LED. The contactblocks are available in two versions: for installationcables (AWG24 - AWG22, yellow) and for stranded cable (AWG27 - AWG26, white). Because of the newly developed IDC-contacts, there is a long-time reliable and vibrations-resistant contact ensured. The re-openable jack is made from nickel-plated die-cast zinc. Due to its slim construction, it allows high density patchpanels. The jack has 360° shielding contact and a dust-cover. It is suitable for PoE and PoE-plus.

DESCRIPTION	AVAILABLE	ORDER NO.
With LED		
LED LINK LINE Jack RJ45 shielded Cat.6 _A with LED, Contactblock for Installationcable (SFA)		HSLMGMLI01
LED LINK LINE Jack RJ45 shielded Cat.6 _A with LED, Contactblock for Installationcable (SFA), 24 pieces		HSLMGMLI24
LED LINK LINE Jack RJ45 shielded Cat.6 _A with LED, Contactblock for Flexcable (SFA)		HSLMGMLF01
LED LINK LINE Jack RJ45 shielded Cat.6 _A with LED, excl. Contactblock (SFA)		HSLMGML-01
Without LED		
LED LINK LINE Jack RJ45 shielded Cat.6 _A without LED, Contactblock for Installationcable (SFA)		HSLMGOLI01
LED LINK LINE Jack RJ45 shielded Cat.6 _A without LED, Contactblock for Installationcable (SFA), 24 pieces		HSLMGOLI24
LED LINK LINE Jack RJ45 shielded Cat.6 _A without LED, Contactblock for Flexcable (SFA)		HSLMGOLF01
LED LINK LINE Jack RJ45 shielded Cat.6 _A without LED, excl. Contactblock (SFA)		HSLMGOL-01

■ Data Outlets 80x80mm empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSED01UW2S



HSED02UW2S



HSED03UW2S



HSED02UW1S



HSEDZBES



HSEAP842WF

■ SCHRACK-INFO

These data-outlets comprise a die-cast zinc housing and are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlets come in color RAL9010 and are suitable for cable-duct installation (CI), for flush-mounting (FM) or for surface-mounting (SM) by means of a separate wallmount-box. Floor-Box-installation (FB) is possible for angled outlets by breaking away 2 fastening lugs. Each outlet comes with its own paper and window for labelling. Delivery also includes the centralplate (50 x 50 mm) and the frame (80 x 80 mm). The angled outlets have dust-protection flaps and a Fast On earthing point. The labeling window is also available as a separate spare-part. Outlets can be combined with switch-programs by use of a distance-frame.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 80x80mm empty for 1 module (SFA)(SFB), angled, RAL9010		HSED01UW2S
Data Outlet 80x80mm empty for 2 modules (SFA)(SFB), angled, RAL9010		HSED02UW2S
Data Outlet 80x80mm empty for 3 modules (SFA)(SFB), angled, RAL9010		HSED03UW2S
Data Outlet 80x80mm empty for 2 modules (SFA)(SFB), straight, RAL9010		HSED02UW1S
Paper, window and screws for HSED0xUWyS		HSEDZBES
Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF

■ Integration into Schrack Technik Switch-Programs

VISIO 50	1 module SFA	2 modules SFA
Carrier insert	EV104005	EV104005
Centralplate 50x50mm	EV104003	EV104004
Frame 80x80mm	EV105001	EV105001
Wallmount box	-	-
VISIO 45	1 module SFA	2 modules SFA
Carrier insert	ET105002	ET105004
Centralplate 45x22,5mm	ET102017	ET102017 (2x)
Frame 80x80 mm	ET105010	ET105014
Wallmount box	-	-
ELSO	1 module SFA	2 modules SFA
Carrier insert, centralplate 50x50mm	HSED01UW2S	HSED02UW2S
Distance frame	EL203084	EL203084
Frame 80x80mm Fashion	EL204104	EL204104
Frame 80x80mm Scala	EL204114	EL204114
Frame 80x80mm Riva	EL204124	EL204124
Wallmount box Fashion	EL234114 ¹⁾	EL234114 ¹⁾

¹⁾ Frame 80x80mm Fashion EL204104 not necessary.



Order no. blue: on stock, usually ready for delivery on the day of order!

IP44 Data Outlets Wallmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44APT



HSEIP44AKT



HSEIP44AUT

SCHRACK-INFO

The IP44 wallmount outlet in combination with the IP44 adapter insert is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlet comes in color RAL7035 (lightgrey). To improve strain relief, we recommend to use the M25/ 2x8 cable gland which has been designed to accommodate two cables with a diameter from 3mm up to 8mm.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Wallmount Box, lockable, 90x90x90mm, RAL7035		HSEIP44APT
IP44 cable gland M25 for 2 cables 3 - 8mm		HSEIP44AKT
IP44 Adapter empty for 2 modules (SFA)(SFB)		HSEIP44AUT

IP44 Data Outlets Flushmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44UPT



HSEIP44UDT



HSEIP44AUT

SCHRACK-INFO

The IP44 flushmount outlet in combination with the IP44 adapter insert is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlet comes in color RAL7035 (lightgrey). The complete flushmount outlet needs both, the flushmount cover and the flushmount box.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Flushmount cover, lockable, 90x35x90mm, RAL7035		HSEIP44UPT
IP44 Flushmount box for flushmount cover HSEIP44UPT		HSEIP44UDT
IP44 Adapter empty for 2 modules (SFA)(SFB)		HSEIP44AUT

■ DIN-Rail Adapter empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSERH010GS



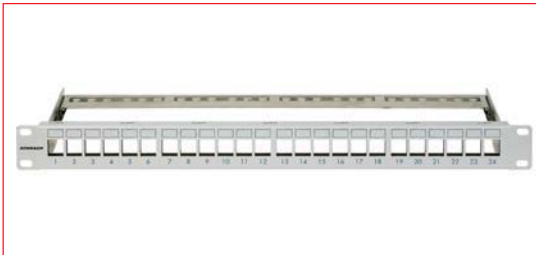
HSERH010GS

■ SCHRACK-INFO

The DIN-rail adapter is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The adapter comes in color RAL7035 (lightgrey). The width equals to one unit (ca. 17.5mm). Shielded RJ45 modules are connected to the potential equalisation clamps during click-in via a spring-type contact. Labelling is possible by a paper behind a window. Each DIN-rail adapter comes with a side-cover. This cover is used as a protection against contact on the most-left and most-right adapter in a row.

DESCRIPTION	AVAILABLE	ORDER NO.
DIN-rail adapter empty for 1 module (SFA)(SFB)		HSERH010GS

■ Patchpanels 19" empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0240GS



HSER0480GS

■ SCHRACK-INFO

These patchpanels 19" are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanels come in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.



HSEMRZ01WF

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 19" empty for 24 modules (SFA)(SFB), 1U, RAL7035		HSER0240GS
Patchpanel 19" empty for 48 modules (SFA)(SFB), 2U, RAL7035		HSER0480GS
Blindcover for unused Patchpanel-Ports, RAL9010		HSEMRZ01WF

■ Patchpanel 10" empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0120GS

■ SCHRACK-INFO

This patchpanel 10" is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanel comes in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 10" empty for 12 modules (SFA)(SFB), 1U, RAL7035		HSER0120GS



Patchpanel Desktop empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0080GV



HSERHUTADA

SCHRACK-INFO

This desktop patchpanel is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanel comes in color RAL7035 (lightgrey). The patchpanel kann be fixed to a wall. Available accessories are adapter-clips (1PU = 2 pieces), which are needed to fix the patch-panel to a DIN-rail.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel Desktop empty for 8 modules (SFA)(SFB), RAL7035		HSER0080GV
DIN-rail mounting clips (2 pieces) for HSERG086GV/HSER0080GV		HSERHUTADA

LED LINK LINE Patchpanels RJ45 shielded Cat.6_A 10GB



HSLP24GMLI



HSLP48GMLI

SCHRACK-INFO

These LED LINK LINE patchpanels 19" are loaded with RJ45 jacks and fullfill Cat.6_A performance for 10 Gigabit Ethernet. They come in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear. The patchpanel can be delivered with 24 or 48 jacks in 1U. The jacks are available in two versions: with LED and without LED. The contactblocks are available in two versions: for installationcables (AWG24 - AWG22, yellow) and for stranded cable (AWG27 - AWG26, white).

DESCRIPTION	AVAILABLE	ORDER NO.
With LED		
LED LINK LINE Patchpanel 24xRJ45 shielded Cat.6 _A with LED, 24x Contactblock Installationcable, 19", 1U, RAL7035		HSLP24GMLI
LED LINK LINE Patchpanel 24xRJ45 shielded Cat.6 _A with LED, 24x Contactblock for Flexcable, 19", 1U, RAL7035		HSLP24GMLF
LED LINK LINE Patchpanel 24xRJ45 shielded Cat.6 _A with LED, excl. Contactblock, 19", 1U, RAL7035		HSLP24GML
LED LINK LINE Patchpanel 48xRJ45 shielded Cat.6 _A with LED, 48x Contactblock Installationcable, 19", 1U, RAL7035		HSLP48GMLI
LED LINK LINE Patchpanel 48xRJ45 shielded Cat.6 _A with LED, 48x Contactblock for Flexcable, 19", 1U, RAL7035		HSLP48GMLF
LED LINK LINE Patchpanel 48xRJ45 shielded Cat.6 _A with LED, excl. Contactblock, 19", 1U, RAL7035		HSLP48GML
Without LED		
LED LINK LINE Patchpanel 24xRJ45 shielded Cat.6 _A w/o LED, 24x Contactblock Installationcable, 19", 1U, RAL7035		HSLP24GOLI
LED LINK LINE Patchpanel 24xRJ45 shielded Cat.6 _A without LED, 24x Contactblock for Flexcable, 19", 1U, RAL7035		HSLP24GOLF
LED LINK LINE Patchpanel 24xRJ45 shielded Cat.6 _A without LED, excl. Contactblock, 19", 1U, RAL7035		HSLP24GOL
LED LINK LINE Patchpanel 48xRJ45 shielded Cat.6 _A w/o LED, 48x Contactblock Installationcable, 19", 1U, RAL7035		HSLP48GOLI
LED LINK LINE Patchpanel 48xRJ45 shielded Cat.6 _A without LED, 48x Contactblock for Flexcable, 19", 1U, RAL7035		HSLP48GOLF
LED LINK LINE Patchpanel 48xRJ45 shielded Cat.6 _A without LED, excl. Contactblock, 19", 1U, RAL7035		HSLP48GOL

LED LINK LINE Consolidations Points RJ45 shielded Cat.6_A 10GB



HLS06GMLI



HLS12GMLI

SCHRACK-INFO

These LED LINK LINE consolidation points are loaded with RJ45 jacks and fulfill Cat.6_A performance for 10 Gigabit Ethernet. They come in color RAL7035 (light-grey) including chassis cover. Included in delivery are the installation materials (cable-ties, potential equalisation cable) and a rigid cable-guide in the rear. The consolidation points can be delivered with 6 (105 x 40 x 112mm) or 12 (195 x 40 x 112mm) jacks. The jacks are available in two versions: with LED and without LED. The contactblocks are available in two versions: for installationcables (AWG24 - AWG22, yellow) and for stranded cable (AWG27 - AWG26, white).

DESCRIPTION	AVAILABLE	ORDER NO.
With LED		
LED LINK LINE Consolidationpoint 6xRJ45 shielded Cat.6 _A with LED, 6x Contactblock for Installationcable, RAL 7035		HLS06GMLI
LED LINK LINE Consolidationpoint 6xRJ45 shielded Cat.6 _A with LED, 6x Contactblock for Flexcable, RAL 7035		HLS06GMLF
LED LINK LINE Consolidationpoint 6xRJ45 shielded Cat.6 _A with LED, excl. Contactblock, RAL 7035		HLS06GML
LED LINK LINE Consolidationpoint 12xRJ45 shielded Cat.6 _A with LED, 12xContactblock for Installationcable, RAL 7035		HLS12GMLI
LED LINK LINE Consolidationpoint 12xRJ45 shielded Cat.6 _A with LED, 12x Contactblock for Flexcable, RAL 7035		HLS12GMLF
LED LINK LINE Consolidationpoint 12xRJ45 shielded Cat.6 _A with LED, excl. Contactblock, RAL 7035		HLS12GML
Without LED		
LED LINK LINE Consolidationpoint 6xRJ45 shielded Cat.6 _A without LED, 6x Contactblock for Installationcable, RAL 7035		HLS06GOLI
LED LINK LINE Consolidationpoint 6xRJ45 shielded Cat.6 _A without LED, 6x Contactblock for Flexcable, RAL 7035		HLS06GOLF
LED LINK LINE Consolidationpoint 6xRJ45 shielded Cat.6 _A without LED, excl. Contactblock, RAL 7035		HLS06GOL
LED LINK LINE Consolidationpoint 12xRJ45 shielded Cat.6 _A without LED, 12xContactblock for Installationcable, RAL 7035		HLS12GOLI
LED LINK LINE Consolidationpoint 12xRJ45 shielded Cat.6 _A without LED, 12xContactblock for Flexcable, RAL 7035		HLS12GOLF
LED LINK LINE Consolidationpoint 12xRJ45 shielded Cat.6 _A without LED, excl. Contactblock, RAL 7035		HLS12GOL

LED LINK LINE Modular Chassis



HSLET



HSLETK



HSLEB

SCHRACK-INFO

These LED LINK LINE modular chassis are designed for use with LED LINK LINE slide-in modules. They come in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable). The module racks are available with or without cable-guiding. Unused module-slots can be covered with blindcovers.

DESCRIPTION	AVAILABLE	ORDER NO.
LED LINK LINE Module Rack 12x modules, 3U, RAL7035		HSLET
LED LINK LINE Module Rack 12x modules, Cableguide, 4U, RAL7035		HSLETK
LED LINK LINE Module Blindcover, RAL7035		HSLEB



LED LINK LINE Slide-In Modules RJ45 shielded Cat.6_A 10GB



HSLE06GMLI

SCHRACK-INFO

These LED LINK LINE slide-in modules are loaded with RJ45 jacks and fulfill Cat.6_A performance for 10 Gigabit Ethernet. They come in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, screws) and a rigid cable-guide in the rear. The slide-in modules can be delivered with 6 jacks. The jacks are available in two versions: with LED and without LED. The contactblocks are available in two versions: for installationcables (AWG24 - AWG22, yellow) and for stranded cable (AWG27 - AWG26, white).

DESCRIPTION	AVAILABLE	ORDER NO.
With LED		
LED LINK LINE Module 6xRJ45 shielded, Cat.6 _A , with LED, 6x Contactblock for Installationcable, RAL7035		HSLE06GMLI
LED LINK LINE Module 6xRJ45 shielded, Cat.6 _A , with LED, 6x Contactblock for Flexcable, RAL7035		HSLE06GMLF
LED LINK LINE Module 6xRJ45 shielded, Cat.6 _A , with LED, excl. Contactblock, RAL7035		HSLE06GML
Without LED		
LED LINK LINE Module 6xRJ45 shielded, Cat.6 _A , without LED, 6x Contactblock for Installationcable, RAL7035		HSLE06GOLI
LED LINK LINE Module 6xRJ45 shielded, Cat.6 _A , without LED, 6x Contactblock for Flexcable, RAL7035		HSLE06GOLF
LED LINK LINE Module 6xRJ45 shielded, Cat.6 _A , without LED, excl. Contactblock, RAL7035		HSLE06GOL

LED LINK LINE Slide-In Modules Fiber Optics



HSLE1WL

SCHRACK-INFO

Upon request there are also Fiber optics slide-in modules available in Multimode and Singlemode with 6 x LC duplex, 6 x SC duplex, 12 x ST simplex or 12 x FC simplex.

LED LINK LINE Pre-Assembled Installationcables



HSLV17G15

SCHRACK-INFO

These LED LINK LINE pre-assembled installationcables are assembled by use of the installationcable HSEKP423HB S/FTP Cat.7 AWG23 1.000 MHz and fulfill Class E_A performance. They come in color RAL5015 (blue). These pre-assembled installationcables have a contactblock (AWG24 - AWG22, yellow) on both sides. On both ends there is a pull-protector and a label with serial number. Measuring protocol is included in package. The pre-assembled cables are delivered without jacks. Jacks can be chosen with LED or without LED and need to be ordered separately.

DESCRIPTION	AVAILABLE	ORDER NO.
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 15m, without Jack		HSLV17G15
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 20m, without Jack		HSLV17G20
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 25m, without Jack		HSLV17G25
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 30m, without Jack		HSLV17G30
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 35m, without Jack		HSLV17G35
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 40m, without Jack		HSLV17G40
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 45m, without Jack		HSLV17G45
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 50m, without Jack		HSLV17G50
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 60m, without Jack		HSLV17G60
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 70m, without Jack		HSLV17G70
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 80m, without Jack		HSLV17G80
LED LINK LINE Preassembled Installationcable, C7/AWG23, 2xContactblock, 2xPull Protector 90m, without Jack		HSLV17G90

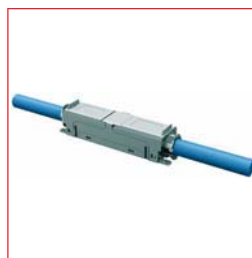
LED LINK LINE Accessories



HSLKBI--24



HSLKBF--24



HSLKG



HSLTOOL01



HSLTOOL02



HSLTOOL03



HSLTOOL04

SCHRACK-INFO

- The LED LINK LINE contactblocks are available in two versions: for installationcables (AWG24 - AWG22, yellow) and for stranded cable (AWG27 - AWG26, white).
- The LED LINK LINE coupler is used for extension of an existing cabling link.
- The LED LINK LINE Linkfinder is a power-supply, which activates the light of the LEDs of jacks or couplers.
- The LED LINK LINE plier is needed for crimping the contactblocks.
- The LED LINK LINE pull protector is needed to protect the contactblocks.
- The LED LINK LINE demount tool is needed for re-opening of jacks.

DESCRIPTION	AVAILABLE	ORDER NO.
LED LINK LINE Contactblock for Installationcable, yellow, 24 pieces		HSLKBI--24
LED LINK LINE Contactblock for Flexcable, white, 24 pieces		HSLKBF--24
LED LINK LINE Coupler shielded Cat.6 _A , incl. Contactblock for Installationcable		HSLKG
LED LINK LINE Link Finder		HSLTOOL01
LED LINK LINE Plier		HSLTOOL02
LED LINK LINE Pull Protector, 24 pieces		HSLTOOL03
LED LINK LINE Demount Tool		HSLTOOL04
Side cutter flat for wire up to 1.3mm diameter		HTOOL00002
Side cutter flat for wire up to 1.0mm diameter		HTOOL00003
Cable Stripper for Jacket of Installationcables		HTOOL00004
Cable Stripper for Jacket and Foil of Installationcables		HTOOL00005



Order no. blue: on stock, usually ready for delivery on the day of order!

LED Patchcords RJ45 shielded Cat.6_A (System Patchcord Class E_A)

SCHRACK-INFO

During planning and first installation of a structured cabling system a lot of time is invested to find the correct structure. At the time when the network is going into operation, all patchcords in the network enclosures are documented clearly and in detail. The assignment is clear. When time goes by, the needs change and patching is changed accordingly. Mostly the documentation remains unchanged and the assignment results to be "pure chaos". Especially when patching from one enclosure to another (as frequently done in data centres), it is nearly impossible to find both ends of a patchcord. The result: Loss of time and also frequently data loss due to disconnecting a wrong patchcord.

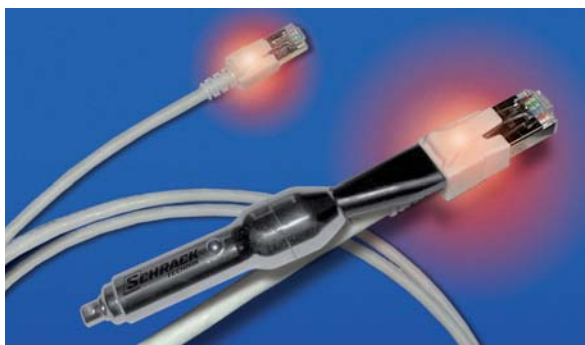
The solution: SCHRACK LED Patchcords in use together with the Patchfinder tool. Disconnecting a wrong patchcord belongs to the past. Also after many changes of the patching, the assignment of the patchcord is easy and 100 % correct.



SCHRACK LED Patchcords are suitable for data transfer up to 10 Gigabit Ethernet and 500 MHz bandwidth.



SCHRACK LED Patchcords with Light-functionality together with the Patchfinder light source (Order-No.: HLEDTOOL) "shed light" on the network enclosure. On the back of the plug of the LED patchcord, there are two contact openings for the Patchfinder tool.



By connecting the Patchfinder to the contact-openings, both kink protection hoods at both ends of the patchcord start to light up in red. Data transmission is of course not affected. For optimized identification, there are three modes available: Permanent light, slow and quick flashing. This assures easy assignment also in the vicinity of flashing switch ports.



An additional help for identification offer the different colour clips (Order-No.: HLEDCLIPx). By use of these clips, different services can be marked in red, blue, green and yellow as required.

LED Patchcords RJ45 shielded Cat.6_A 10GB (System-Patchcords Class E_A)



H6GSG02K0G



H6GSG02K0G



H6GSB02K0B



H6GSR02K0R



H6GSY02K0Y



H6GSU02K0U

SCHRACK-INFO

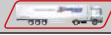
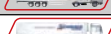
Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. On the RJ45 connector of the LED patchcord, there are two contacts for the Patchfinder tool. By connecting the Patchfinder to the contacts, the boots at both ends of the LED patchcord start to light. Thus the patching is easily identified. During Light-functionality, Data-transmission remains stable and is not affected. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 0.33m		H6GSG00K3G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 0.5m		H6GSG00K5G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 1.0m		H6GSG01K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 2.0m		H6GSG02K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 3.0m		H6GSG03K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 5.0m		H6GSG05K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 7.0m		H6GSG07K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 10.0m		H6GSG10K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 15.0m		H6GSG15K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 20.0m		H6GSG20K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 30.0m		H6GSG30K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 50.0m		H6GSG50K0G
Blue		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 0.5m		H6GSB00K5B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 1.0m		H6GSB01K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 2.0m		H6GSB02K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 3.0m		H6GSB03K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 5.0m		H6GSB05K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 7.0m		H6GSB07K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 10.0m		H6GSB10K0B
Red		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 0.5m		H6GSR00K5R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 1.0m		H6GSR01K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 2.0m		H6GSR02K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 3.0m		H6GSR03K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 5.0m		H6GSR05K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 7.0m		H6GSR07K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 10.0m		H6GSR10K0R
Yellow		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 0.5m		H6GSY00K5Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 1.0m		H6GSY01K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 2.0m		H6GSY02K0Y



Order no. blue: on stock, usually ready for delivery on the day of order!

LED Patchcords RJ45 shielded Cat.6_A 10GB (System-Patchcords Class E_A)

DESCRIPTION	AVAILABLE	ORDER NO.
Yellow		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, yellow, 3.0m		H6GSY03K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, yellow, 5.0m		H6GSY05K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, yellow, 7.0m		H6GSY07K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, yellow, 10.0m		H6GSY10K0Y
Green		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 0.5m		H6GSU00K5U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 1.0m		H6GSU01K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 2.0m		H6GSU02K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 3.0m		H6GSU03K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 5.0m		H6GSU05K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 7.0m		H6GSU07K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, green, 10.0m		H6GSU10K0U
Aqua		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 0.5m		H6GSA00K5A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 1.0m		H6GSA01K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 2.0m		H6GSA02K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 3.0m		H6GSA03K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 5.0m		H6GSA05K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 7.0m		H6GSA07K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LS0H, aqua, 10.0m		H6GSA10K0A

Patchfinder Light Injector for LED Patchcords



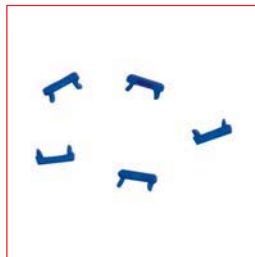
HLEDTOOL

SCHRACK-INFO

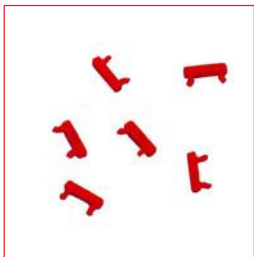
The Patchfinder is a power-supply, which activates the light of the LEDs of the LED patchcords. Three operational mode are available: Permanent light, slow and quick flashing. There is a mechanical reverse voltage protection included. Batteries are included in delivery (4 x LR41).

DESCRIPTION	AVAILABLE	ORDER NO.
Patchfinder Light Injector for LED patchcords		HLEDTOOL

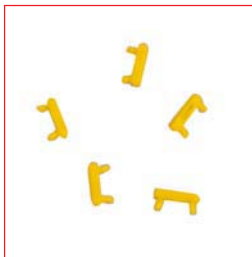
Colored Marking Clips for LED Patchcords



HLEDCLIPB



HLEDCLIPR



HLEDCLIPY



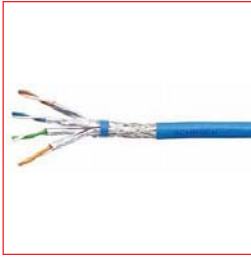
HLEDCLIPU

SCHRACK-INFO

An additional identification feature is realised by use of the different color-coding clips. Different services can be marked by the colors blue, red, yellow and green.

DESCRIPTION	AVAILABLE	ORDER NO.
Marking clip for color coding for LED patchcord, blue, 100 pcs.		HLEDCLIPB
Marking clip for color coding for LED patchcord, red, 100 pcs.		HLEDCLIPR
Marking clip for color coding for LED patchcord, yellow, 100 pcs.		HLEDCLIPY
Marking clip for color coding for LED patchcord, green, 100 pcs.		HLEDCLIPU

Installation cable S/FTP Cat.7_A 1200 MHz



HSEKP422HB



HSEKP822HB

SCHRACK-INFO

Installation cables for generic, structured network cabling systems. Support all applications requiring Class D to Class F_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
Conductor:	Cat.7 _A acc. to IEC 61156-5, EN 50288-9-1
Conductor material:	Simplex: 4 individual shielded twisted pairs / Duplex: 2x4
Insulation material:	Solid bare copper, AWG22/1 (0.64mm)
Nominal diameter over insulation:	Foamed Polyethylen
Pair shield:	1.54mm
Overall braid:	AL-foil (PiMF)
Jacket:	Solid, tinned copper, Coverage = 50%
	LS0H-3, FRNC acc. to
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-3-24, EN 60332-3-24
Outside diameter:	Simplex: 8.1 mm ± 0.3 mm, duplex: 8.1 mm ± 0.3 mm x 17.5 mm ± 0.5 mm
Jacket color:	Blue, RAL5015
Temperature range during operation, storage:	-30°C to +60°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	Simplex: 33mm, Duplex: 33mm (flat side)
Min. bend radius during installation:	Simplex: 66mm, Duplex: 66mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 700kJ/m, Duplex: 1400kJ/m
Total cable weight:	Simplex: 65kg/km, Duplex: 130kg/km
NVP (Nominal velocity of propagation):	0.73c

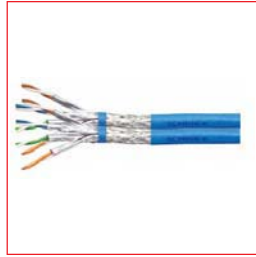
DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7 _A 4x2xAWG22/1, 1.200Mhz, LS0H-3, 50%, blue		HSEKP422HB
S/FTP Cable Cat.7 _A 2x[4x2xAWG22/1], 1.200Mhz, LS0H-3, 50% blue		HSEKP822HB



Installationscables S/FTP Cat.7 1000 MHz LSOH-3



HSEKP4233K



HSEKP8233K

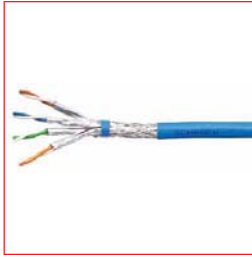
SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D to Class F (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
	Cat.7 acc. to IEC 61156-5, EN 50288-4-1
Conductor:	Simplex: 4 individual shielded twisted pairs / Duplex: 2x4
Conductor material:	Solid bare copper, AWG23/1 (0.57mm)
Insulation material:	Foamed Polyethylen
Nominal diameter over insulation:	1.4mm
Pair-foil:	AL-foil (PiMF)
Overall braid:	Solid, tinned copper, coverage = 35%
Jacket:	LSOH-3, FRNC acc. to
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-3-24, EN 60332-3-24
Outside diameter:	Simplex: 7.5mm, Duplex: 7.5mm x 15.2mm
Jacket color:	Blue, RAL5015
Temperature range during operation, storage:	-20°C to +60°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	Simplex: 30mm, Duplex: 30mm (flat side)
Min. bend radius during installation:	Simplex: 60mm, Duplex: 60mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 600kJ/m, Duplex: 1200kJ/m
Total cable weight:	Simplex: 59kg/km, Duplex: 136kg/km
NVP (Nominal velocity of propagation):	0,80c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LSOH-3, blue		HSEKP4233K
S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LSOH-3, blue		HSEKP8233K

■ Installationcables S/FTP Cat.7 1000 MHz (System-Installationcables Class E_A)



HSEKP423HB



HSEKP823HB

■ SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D to Class F (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
Conductor:	Cat.7 acc. IEC 61156-5, EN 50288-4-1
Conductor material:	Simplex: 4 individual shielded, twisted pair / Duplex: 2x4
Insulation material:	Solid bare copper AWG23/1 (0.58mm)
Nominal diameter over insulation:	Foamed polyethylene
Pair-Shield:	1.45mm
Overall Braid:	AL-foil (PiMF)
Jacket:	Solid, tinned copper, coverage = 40%
	LSOH, FRNC according to:
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-1, EN 60332-1
Outside diameter:	Simplex: 7.2mm ± 0.3mm, Duplex: 7.2mm ± 0.3mm x 16.0mm ± 0.5mm
Jacket color:	Blue, RAL 5015
Temperature range during operation, storage:	-30°C bis +60°C
Temperature range during installation:	0°C bis +50°C
Min. bend radius during operation:	Simplex: 29mm, Duplex: 29mm (flat side)
Min. bend radius during installation:	Simplex: 58mm, Duplex: 58mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 500kJ/m, Duplex: 1000kJ/m
Total cable weight:	Simplex: 53kg/km, Duplex: 111kg/km
NVP (Nominal velocity of propagation)	0.78c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LSOH, 40%, blue		HSEKP423HB
S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LSOH, 40%, blue		HSEKP823HB







IBDN LINE Cat.6A UTP System Modular

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■ RJ45 CONNECTOR
Cat.6A UTP



■ RJ45 PATCHCORD
Cat.6A UTP



IBDN LINE Cat.6A UTP System Modular

The IBDN LINE is the UTP solution from SCHRACK TECHNIK for 10 Gigabit Ethernet applications. It corresponds to Cat.6A EIA/TIA and meets class E_A EN 50173. The patented technologies such as X-Bar and Flex Point PCB as well as MatriX IDC result in high system reserves.

WHAT MAKES THE IBDN LINE 10GX SOLUTION THE MOST ADVANCED UTP 10GB TECHNOLOGY SYSTEM IN THE MARKET?

The 10GX solution is not based upon the improvement, or tuning, of existing elements, but on a complete redesign of key channel components. With testing witnessed by ETL Intertek on every single, critical parameter beyond the specified 500MHz range to the guaranteed throughput of 625MHz, 10GX is by far the most advanced 10 Gigabit Ethernet solution available today.

WHAT DOES THE "X" IN 10GX MEAN?

Of course, "10G" refers to the suitability of the 10GX Solution for supporting 10 Gigabit applications. The "X," however, refers to a number of key performance and design characteristics. Specifically, the four enabling technologies that provide controlled performance up to 625 MHz:

- [RoundFlex cable design](#)
- [MatriX IDC technology](#)
- [X-Bar control device](#)
- [FlexPoint PCB technology](#)

10GX – A REVOLUTIONARY INNOVATION BASED UPON FOUR NEW PERFORMANCE-ENABLING TECHNOLOGIES

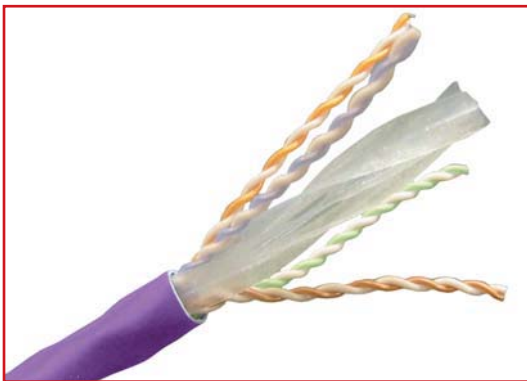
The performance of each critical component of the 10GX Solution has been optimised through use of the following performance-enabling technologies:

Performance-enabling technology 1

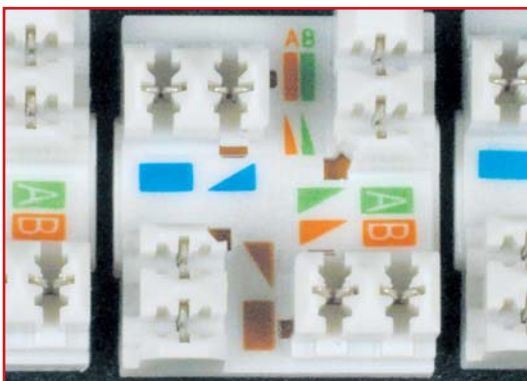
The system's cable is based upon an innovative RoundFlex design which serves to reduce Alien Crosstalk through "arbitrary" line distances (randomizing).

Performance-enabling technology 2

A patented IDC design and patch panel circuit layout called MatriX IDC technology substantially eliminates the issue of Alien Crosstalk between the system's modules.



Performance-enabling technology 1:
Cat.6A cable in RoundFlex-Design



Performance-enabling technology 2:
MatriX IDC

Performance-enabling technology 3

X-Bar technology: The X-Bar is a control device that enables the accurate positioning of each UTP pair before the pair is terminated on the 10GX Module's IDC pins.

Performance-enabling technology 4

A patent-pending FlexPoint PCB (printed circuit board) is used within the module housing to position the compensation circuitry directly at the plug's point of contact. Instant compensation delivers excellent crosstalk performance up to 625 MHz.

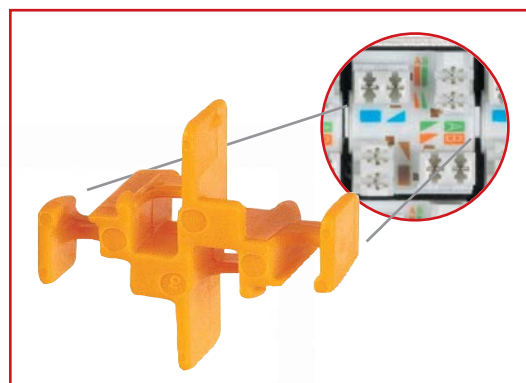
Each of these innovative technologies helps the system overcome Alien Crosstalk and the consistency of performance concerns at high frequencies that are paramount to beyond 10G performance.

THE MAIN COMPONENTS OF THE 10GX SOLUTION AND WHAT THE ENABLING TECHNOLOGIES OFFER

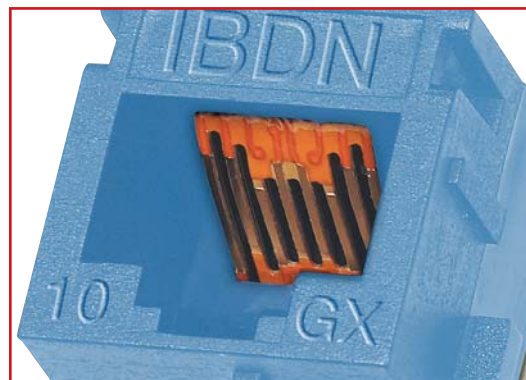
The IBDN System 10GX is comprised primarily of the following elements:

- 10GX Cabel
- 10GX Patchcord
- 10GX Modules
- 10GX Patchpanel

Each of these components is developed around the patent-pending, enabling technologies described. It should also be noted that all 10GX System components are backward compatible for easy integration into existing infrastructures.



Performance-enabling technology 3:
X-Bar Positioning



Performance-enabling technology 4:
Flexpoint PCB Technology

IBDN LINE Jack RJ45 unshielded Cat.6A 10GB in Schrack Format A (SFA)



HBIX102283

SCHRACK-INFO

The IBDN LINE jack RJ45 is a module in Schrack Format A (SFA) and fulfills Class E_A performance for 10 Gigabit Ethernet. Patented technologies like X-Bar, Flex Point PCB and Matrix IDC lead to top performance and high system margins. Standardcolor: RAL9005 (black), other colors on request.

DESCRIPTION	AVAILABLE	ORDER NO.
IBDN LINE Jack RJ45 unshielded Cat.6A (SFA), black		HBIX102283

Data Outlet 80x80mm empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSED01UW2S



HSED02UW2S



HSED03UW2S



HSED02UW1S



HSEDZBES



HSEAP842WF

SCHRACK-INFO

These data-outlets comprise a die-cast zinc housing and are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlets come in color RAL9010 and are suitable for cable-duct installation (CI), for flush-mounting (FM) or for surface-mounting (SM) by means of a separate wallmount-box. Floor-Box-installation (FB) is possible for angled outlets by breaking away 2 fastening lugs. Each outlet comes with its own paper and window for labelling. Delivery also includes the centralplate (50 x 50 mm) and the frame (80 x 80 mm). The angled outlets have dust-protection flaps and a Fast On earthing point. The labeling window is also available as a separate spare-part. Outlets can be combined with switch-programs by use of a distance-frame.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 80x80mm empty for 1 module (SFA)(SFB), angled, RAL9010		HSED01UW2S
Data Outlet 80x80mm empty for 2 modules (SFA)(SFB), angled, RAL9010		HSED02UW2S
Data Outlet 80x80mm empty for 3 modules (SFA)(SFB), angled, RAL9010		HSED03UW2S
Data Outlet 80x80mm empty for 2 modules (SFA)(SFB), straight, RAL9010		HSED02UW1S
Paper, window and screws for HSED0xUWyS		HSEDZBES
Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF

Integration into Schrack Technik Switch-Programs

VISIO 50	1 module SFA	2 modules SFA
Carrier insert	EV104005	EV104005
Centralplate 50x50mm	EV104003	EV104004
Frame 80x80mm	EV105001	EV105001
Wallmount box	-	-
VISIO 45	1 module SFA	2 modules SFA
Carrier insert	ET105002	ET105004
Centralplate 45x22,5mm	ET102017	ET102017 (2x)
Frame 80x80 mm	ET105010	ET105014
Wallmount box	-	-
ELSO	1 module SFA	2 modules SFA
Carrier insert, centralplate 50x50mm	HSED01UW2S	HSED02UW2S
Distance frame	EL203084	EL203084
Frame 80x80mm Fashion	EL204104	EL204104
Frame 80x80mm Scala	EL204114	EL204114
Frame 80x80mm Riva	EL204124	EL204124
Wallmount box Fashion	EL234114 ¹⁾	EL234114 ¹⁾
1) Frame 80x80mm Fashion EL204104 not necessary.		

IP44 Data Outlets Wallmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44APT



HSEIP44AKT



HSEIP44AUT

SCHRACK-INFO

The IP44 wallmount outlet in combination with the IP44 adapter insert is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlet comes in color RAL7035 (lightgrey). To improve strain relief, we recommend to use the M25/ 2x8 cable gland which has been designed to accommodate two cables with a diameter from 3mm up to 8mm.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Wallmount Box, lockable, 90x90x90mm, RAL7035		HSEIP44APT
IP44 cable gland M25 for 2 cables 3 - 8mm		HSEIP44AKT
IP44 Adapter empty for 2 modules (SFA)(SFB)		HSEIP44AUT

IP44 Data Outlets Flushmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44UPT



HSEIP44UDT



HSEIP44AUT

SCHRACK-INFO

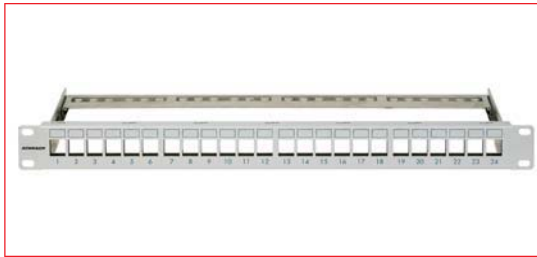
The IP44 flushmount outlet in combination with the IP44 adapter insert is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlet comes in color RAL7035 (lightgrey). The complete flushmount outlet needs both, the flushmount cover and the flushmount box.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Flushmount cover, lockable, 90x35x90mm, RAL7035		HSEIP44UPT
IP44 Flushmount box for flushmount cover HSEIP44UPT		HSEIP44UDT
IP44 Adapter empty for 2 modules (SFA)(SFB)		HSEIP44AUT



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Patchpanels 19" empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0240GS



HSER0480GS



HSEMRZ01WF

■ SCHRACK-INFO

These patchpanels 19" are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanels come in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 19" empty for 24 modules (SFA)(SFB), 1 U, RAL7035		HSER0240GS
Patchpanel 19" empty for 48 modules (SFA)(SFB), 2 U, RAL7035		HSER0480GS
Blindcover for unused Patchpanel-Ports, RAL9010		HSEMRZ01WF

■ Patchpanel 10" empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0120GS

■ SCHRACK-INFO

This patchpanel 10" is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanel comes in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 10" empty for 12 modules (SFA)(SFB), 1 U, RAL7035		HSER0120GS

■ Patchpanel Desktop empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0080GV



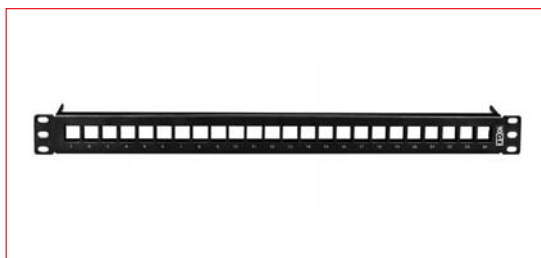
HSERHUTADA

■ SCHRACK-INFO

This desktop patchpanel is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanel comes in color RAL7035 (lightgrey). The patchpanel kann be fixed to a wall. Available accessories are adapter-clips (1 PU = 2 pieces), which are needed to fix the patchpanel to a DIN-rail.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel Desktop empty for 8 modules (SFA)(SFB), RAL7035		HSER0080GV
DIN-rail mounting clips (2 pieces) for HSERG086GV/HSER0080GV		HSERHUTADA

IBDN LINE Patchpanels 19" empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HBIX103114



HBIX103115

SCHRACK-INFO

These IBDN patchpanels 19" are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanels come in color RAL9005 (black).

DESCRIPTION	AVAILABLE	ORDER NO.
IBDN LINE Patchpanel 19" empty for 24 modules (SFA)(SFB), 1U, black		HBIX103114
IBDN LINE Patchpanel 19" empty for 48 modules (SFA)(SFB), 2U, black		HBIX103115

IBDN LINE Patchpanels 19" RJ45 unshielded Cat.6A 10GB



HBIX102293

SCHRACK-INFO

This IBDN LINE patchpanel 19" is loaded with RJ45 jacks and fulfill Class E_A performance for 10 Gigabit Ethernet. Patented technologies like X-Bar, Flex Point PCB and MatriX IDC lead to top performance and high system margins. It comes in color titanium. Included in delivery are back-to-back cable-ties and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
IBDN LINE Patchpanel 19" 24xRJ45 unshielded Cat.6A, 1U, titanium		HBIX102293

IBDN LINE Tools



HBIZ100749



HBIZ101852



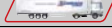
HBIZE30065



HBIZ1797B

SCHRACK-INFO

The IBDN LINE tools enable an easy and convenient crimping of the RJ45 jacks. Mit dem Kabelvorbereitungswerkzeug wird das Kabel optimal für die Beschaltung vorbereitet. The cable is prepared optimal for crimping by use of the cable preparation tool. The jack is plugged into the termination station before crimping. Thus a safe termination of the jack is ensured. Crimping tool is needed for easy crimping and cutting of overlength wire.

DESCRIPTION	AVAILABLE	ORDER NO.
IBDN-LINE Crimping Tool 110		HBIZ100749
IBDN-LINE Termination Station black		HBIZ101852
IBDN-LINE Termination Station Light white		HBIZE30065
IBDN-LINE Cable Preparation Tool		HBIZ1797B
Side cutter flat for wire up to 1.3mm diameter		HTOOL00002
Side cutter flat for wire up to 1.0mm diameter		HTOOL00003
Cable Stripper for Jacket of Installationcables		HTOOL00004
Cable Stripper for Jacket and Foil of Installationcables		HTOOL00005



Order no. blue: on stock, usually ready for delivery on the day of order!



IBDN LINE Patchcord RJ45 unshielded Cat.6A (System-Patchcord)



HBIX360027

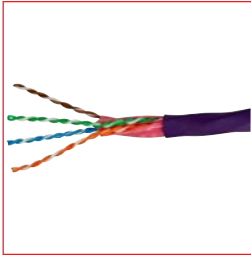
SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. Solid wire AWG23, Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
IBDN LINE Patchcord RJ45 unshielded Cat.6A, grey, 0.6m		HBIX360025
IBDN LINE Patchcord RJ45 unshielded Cat.6A, grey, 1.2m		HBIX360026
IBDN LINE Patchcord RJ45 unshielded Cat.6A, grey, 2.1m		HBIX360027
IBDN LINE Patchcord RJ45 unshielded Cat.6A, grey, 3.0m		HBIX360028
IBDN LINE Patchcord RJ45 unshielded Cat.6A, grey, 4.6m		HBIX360029
IBDN LINE Patchcord RJ45 unshielded Cat.6A, grey, 7.6m		HBIX360030
Blue		
IBDN LINE Patchcord RJ45 unshielded Cat.6A, blue, 0.6m		HBIX360013
IBDN LINE Patchcord RJ45 unshielded Cat.6A, blue, 1.2m		HBIX360014
IBDN LINE Patchcord RJ45 unshielded Cat.6A, blue, 2.1m		HBIX360015
IBDN LINE Patchcord RJ45 unshielded Cat.6A, blue, 3.0m		HBIX360016
IBDN LINE Patchcord RJ45 unshielded Cat.6A, blue, 4.6m		HBIX360017
IBDN LINE Patchcord RJ45 unshielded Cat.6A, blue, 7.6m		HBIX360018
Yellow		
IBDN LINE Patchcord RJ45 unshielded Cat.6A, yellow, 0.6m		HBIX360055
IBDN LINE Patchcord RJ45 unshielded Cat.6A, yellow, 1.2m		HBIX360056
IBDN LINE Patchcord RJ45 unshielded Cat.6A, yellow, 2.1m		HBIX360057
IBDN LINE Patchcord RJ45 unshielded Cat.6A, yellow, 3.0m		HBIX360058
IBDN LINE Patchcord RJ45 unshielded Cat.6A, yellow, 4.6m		HBIX360059
IBDN LINE Patchcord RJ45 unshielded Cat.6A, yellow, 7.6m		HBIX360060
Green		
IBDN LINE Patchcord RJ45 unshielded Cat.6A, green, 0.6m		HBIX360019
IBDN LINE Patchcord RJ45 unshielded Cat.6A, green, 1.2m		HBIX360020
IBDN LINE Patchcord RJ45 unshielded Cat.6A, green, 2.1m		HBIX360021
IBDN LINE Patchcord RJ45 unshielded Cat.6A, green, 3.0m		HBIX360022
IBDN LINE Patchcord RJ45 unshielded Cat.6A, green, 4.6m		HBIX360023
IBDN LINE Patchcord RJ45 unshielded Cat.6A, green, 7.6m		HBIX360024

IBDN LINE Cat.6A – UTP System Modular

IBDN LINE Installationscable U/UTP Cat.6A 10GB 625 MHz (System-Installationcable Class E_A)



HBK818095

SCHRACK-INFO

Installationcable for generic, structured network cabling systems. Support all applications requiring Class D to Class E_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	Class E _A acc. to ISO/IEC 11801, EN 50173-1 Cat.6A TIA/EIA-568-B.2-10
Conductor:	4 unshielded twisted pairs
Conductor material:	Solid bare copper, AWG23/1
Cross separator:	Double-H
Insulation material:	FEP
Jacket:	LSOH, FRNC acc. to IEC 61034, EN 50268 IEC 60754, EN 50267 IEC 60332-1, EN 60332-1
Outside diameter:	7.5mm
Jacket color:	Violett
Temperature range during operation, installation:	+5°C to +60°C
Min. bend radius during operation, installation:	32mm
Max. pulling strength:	113N
Burning load:	700kJ/m
NVP (Nominal velocity of propagation):	0,64c

DESCRIPTION	AVAILABLE	ORDER NO.
IBDN LINE U/UTP Cat.6A cable, 4x2xAWG23/1, 625MHz, LSOH, violet		HBK818095





DE-EMBEDDED LINE Cat.6, Cat.5e STP & UTP System LSA

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Data outlets	Page 92
Patchpanels	Page 94
LSA punchdown tools	Page 96
Patchcords	Page 97
Installation cables	Page 108

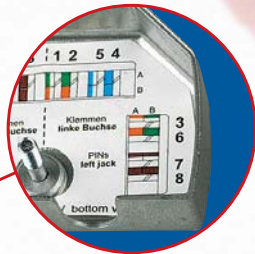
De-Embedded Certified



With Wall-Mounting Frame



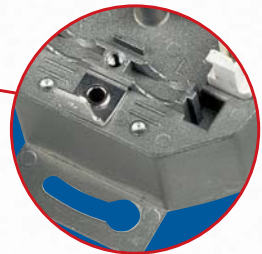
Colour Codes TIA 568 A/B



Compatible with UAE Central Plates



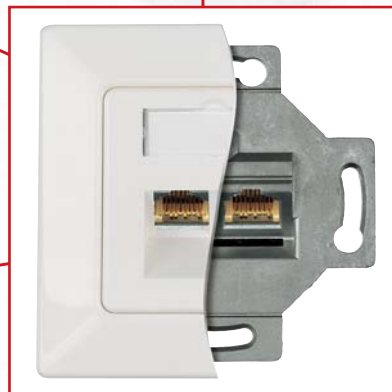
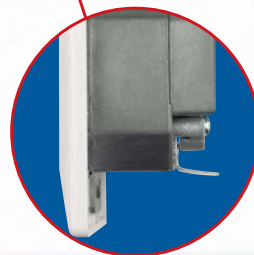
Separate Potential Connection



Suitable for Floor Boxes



Low Installation Depth: 32mm





DE-EMBEDDED LINE Cat.6, Cat.5e STP & UTP System LSA

The DE-EMBEDDED LINE from SCHRACK TECHNIK is an easy-to-use and easy-to-install system consisting of patchpanel, installation cable, data outlet and patchcord. Patchpanel and data outlet use LSA technology and meet Cat.6. Can be integrated in switches with UAE central plate.

Cat.5e UAE is an easy-to-use and easy-to-install system consisting of patchpanel, installation cable, data outlet and patchcord. Patchpanel and data outlet use LSA technology and meet Cat.5e. Can be integrated in switches with UAE central plate.

Cat.5e is an easy-to-use and easy-to-install system consisting of patchpanel, installation cable, data outlet and patchcord. Patchpanel and data outlet use LSA technology and meet Cat.5e.

DE-EMBEDDED LINE Data Outlet RJ45 shielded Cat.6, UAE-Centralplate



HSEDG2UW6V



HSEAP840WV

SCHRACK-INFO

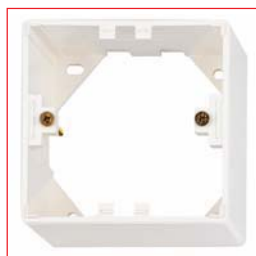
This DE-EMBEDDED LINE data-outlet is loaded with RJ45 jacks and fulfills Cat.6 De-Embedded performance. The outlet comes in color RAL9010 and is suitable for cable-duct installation (CI), for flush-mounting (FM) or for surface-mounting (SM) by means of a separate wallmount-box. Floor-Box-installation (FB) is possible by breaking away 2 fastening lugs. Design-compatibility is easily possible due to the UAE-compatible centralplate. Replacing of centralplate is possible with all switch-programs that offer UAE-compatible centralplates. The outlet has a die-cast zinc housing with Fast-On connector for connection to an earthing-point and comes with paper and window for labelling. Delivery also includes the centralplate (50 x 50mm) and the frame (80 x 80mm). Cable-entry is from down-side. Color-coding labels are prepared for cable-connection according to TIA 568A and 568B.

DESCRIPTION	AVAILABLE	ORDER NO.
DE-EMBEDDED LINE Data Outlet 2xRJ45 shielded Cat.6, UAE, 80x80mm, angled, RAL9010		HSEDG2UW6V
Wallmount Box for HSEDx2UWxV, W=80 x H=40 x D=80mm, RAL9010		HSEAP840WV

Data Outlet RJ45 shielded Cat.5e, UAE-Centralplate



HSEDG2UW5V



HSEAP840WV

SCHRACK-INFO

This data-outlet is loaded with RJ45 jacks and fulfills Class D performance. The outlet comes in color RAL9010 and is suitable for cable-duct installation (CI), for flush-mounting (FM) or for surface-mounting (SM) by means of a separate wallmount-box. Floor-Box-installation (FB) is possible by breaking away 2 fastening lugs. Design-compatibility is easily possible due to the UAE-compatible centralplate. Replacing of centralplate is possible with all switch-programs that offer UAE-compatible centralplates. The outlet has a die-cast zinc housing with Fast-On connector for connection to an earthing-point and comes with paper and window for labelling. Delivery also includes the centralplate (50 x 50mm) and the frame (80 x 80mm). Cable-entry is from down-side. Color-coding labels are prepared for cable-connection according to TIA 568A and 568B.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 2xRJ45 shielded Cat.5e, UAE, 80x80mm, angled, RAL9010		HSEDG2UW5V
Wallmount Box for HSEDx2UWxV, W=80 x H=40 x D=80mm, RAL9010		HSEAP840WV

Data Outlet RJ45 shielded Cat.5e



HSEDG2UW5F



HSEAP842WF

SCHRACK-INFO

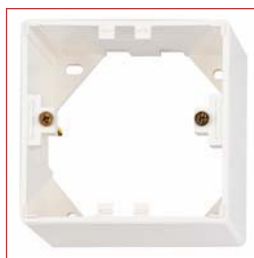
This data-outlet is loaded with RJ45 jacks and fulfills Class D performance. The outlet comes in color RAL9010 and is suitable for cable-duct installation (CI), for flush-mounting (FM), surface-mounting (SM) by means of a separate wallmount-box and floor-Box-installation (FB). It can be combined with switch-programs that offer a distance-frame for 50x50mm centralplates. The outlet has a die-cast zinc housing and comes with paper and window for labelling. Delivery also includes the centralplate (50 x 50mm) and the frame (80 x 80mm). Cable-entry is possible from left or right side. Color-coding labels are prepared for cable-connection according to TIA 568A and 568B.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 2xRJ45 shielded Cat.5e, 80x80mm, angled, RAL9010		HSEDG2UW5F
Wallmount Box for HSED0xUWxS, HSEDx2UWxV, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF

■ Data Outlet RJ45 unshielded Cat.6, UAE-Centralplate



HSEDU2UW6V



HSEAP840WV

■ SCHRACK-INFO

This data-outlet is loaded with RJ45 jacks and fulfills Class E performance. The outlet comes in color RAL9010 and is suitable for cable-duct installation (CI), for flush-mounting (FM) or for surface-mounting (SM) by means of a separate wall-mount-box. Floor-Box-installation (FB) is possible by breaking away 2 fastening lugs. Design-compatibility is easily possible due to the UAE-compatible centralplate. Replacing of centralplate is possible with all switch-programs that offer UAE-compatible centralplates. The outlet has a die-cast zinc housing with Fast-On connector for connection to an earthing-point and comes with paper and window for labelling. Delivery also includes the centralplate (50 x 50mm) and the frame (80 x 80mm). Cable-entry is from down-side. Color-coding labels are prepared for cable-connection according to TIA 568A and 568B.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 2xRJ45 unshielded Cat.6, UAE, 80x80mm, angled, RAL9010		HSEDU2UW6V
Wallmount Box for HSEDx2UWxV, W=80 x H=40 x D=80mm, RAL9010		HSEAP840WV

■ Data Outlet RJ45 unshielded Cat.5e



HSEDU2UW5F



HSEAP842WF

■ SCHRACK-INFO

This data-outlet is loaded with RJ45 jacks and fulfills Class D performance. The outlet comes in color RAL9010 and is suitable for cable-duct installation (CI), for flush-mounting (FM), surface-mounting (SM) by means of a separate wallmount-box. It can be combined with switch-programs that offer a distance-frame for 50x50mm centralplates. The outlet comes with paper and window for labelling. Delivery also includes the centralplate (50 x 50mm) and the frame (80 x 80mm). Cable-entry is possible from left or right side. Color-coding labels are prepared for cable-connection according to TIA 568A and 568B.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 2xRJ45 unshielded Cat.5e, 80x80mm, angled, RAL9010		HSEDU2UW5F
Wallmount Box for HSEDxUWxS, HSEDx2UWxF, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF

■ Integration into Schrack Technik Switch-Programs

VISIO 50	2xRJ45, UAE-Centralplate	2xRJ45
Centralplate 50x50 mm	EV104006	HSEDx2UW5F
Frame 80x80mm	EV105001	EV105001
Wallmount box	EV105006	EV105006
ELSO	2xRJ45, UAE-Centralplate	2xRJ45
Centralplate 50x50mm	-	HSEDx2UW5F
Centralplate 50x50mm, Distance frame	EL206534	-
Distance frame	-	EL203084
Frame 80x80mm Fashion	EL204104	EL204104
Frame 80x80mm Scala	EL204114	EL204114
Frame 80x80mm Riva	EL204124	EL204124
Wallmount box Fashion	EL234114 ¹⁾	EL234114 ¹⁾

¹⁾ Frame 80x80mm Fashion EL204104 not necessary.



IP44 Data Outlets Wallmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44APT



HSEIP44AKT

SCHRACK-INFO

The IP44 wallmount outlet is suitable for installation of all SCHRACK data outlets LSA. The outlet comes in color RAL7035 (lightgrey). To improve strain relief, we recommend to use the M25/ 2x8 cable gland which has been designed to accommodate two cables with a diameter from 3mm up to 8mm.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Wallmount Box, lockable, 90x90x90mm, RAL7035		HSEIP44APT
IP44 cable gland M25 for 2 cables 3 - 8mm		HSEIP44AKT

IP44 Data Outlets Flushmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44UPT



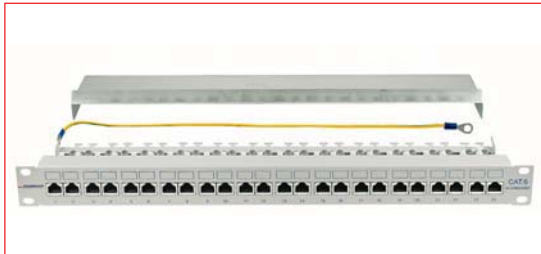
HSEIP44UDT

SCHRACK-INFO

The IP44 flushmount outlet is suitable for installation of all SCHRACK data outlets LSA. The outlet comes in color RAL7035 (lightgrey). The complete flushmount outlet needs both, the flushmount cover and the flushmount box.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Flushmount cover, lockable, 90x35x90mm, RAL7035		HSEIP44UPT
IP44 Flushmount box for flushmount cover HSEIP44UPT		HSEIP44UDT

DE-EMBEDDED LINE Patchpanel 19" RJ45 shielded Cat.6



HSERG246GV

SCHRACK-INFO

This DE-EMBEDDED LINE patchpanel 19" is loaded with RJ45 jacks and full-fills Cat.6 De-Embedded performance. It comes as 1U tray-type version in color RAL7035 (lightgrey) including a metal-cover. The cover of the patchpanel is fixed by a quick fastener and can be opened without need of any tool. Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
DE-EMBEDDED LINE Patchpanel 19" 24xRJ45 shielded, Cat.6, 1U, RAL7035		HSERG246GV

DE-EMBEDDED LINE Patchpanel 10" RJ45 shielded Cat.6



HSERG106GV

SCHRACK-INFO

This DE-EMBEDDED LINE patchpanel 10" is loaded with RJ45 jacks and fullfills Cat.6 De-Embedded performance. It comes as 1U tray-type version in color RAL7035 (lightgrey) including a metal-cover. The cover of the patchpanel is fixed by a quick fastener and can be opened without need of any tool. Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
DE-EMBEDDED LINE Patchpanel 10" 10xRJ45 shielded, Cat.6, 1U, RAL7035		HSERG106GV

DE-EMBEDDED LINE Patchpanel Desktop RJ45 shielded Cat.6



HSERG086GV



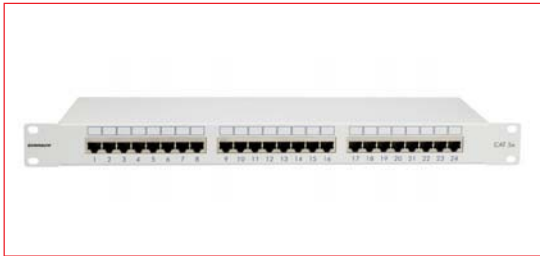
HSERHUTADA

SCHRACK-INFO

This DE-EMBEDDED LINE desktop patchpanel is loaded with RJ45 jacks and fullfills Cat.6 De-Embedded performance. The patchpanel comes in color RAL7035 (lightgrey). The patchpanel kann be fixed to a wall. Available accessories are adapter-clips (1PU = 2 pieces), which are needed to fix the patchpanel to a DIN-rail.

DESCRIPTION	AVAILABLE	ORDER NO.
DE-EMBEDDED LINE Patchpanel Desktop 8xRJ45 shielded, Cat.6, RAL7035		HSERG086GV
DIN-rail mounting clips (2 pieces) for HSERG086GV/HSER0080GV		HSERHUTADA

Patchpanel 19" RJ45 shielded Cat.5e



HSERG245GS

SCHRACK-INFO

This patchpanel 19" is loaded with RJ45 jacks and fullfills Class D performance. It comes as 1U tray-type version in color RAL7035 (lightgrey) including a metal-cover. The cover of the patchpanel is fixed by a quick fastener and can be opened without need of any tool. Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 19" 24xRJ45 shielded, Cat.5e, 1U, RAL7035		HSERG245GS



Patchpanel 19" RJ45 unshielded Cat.6



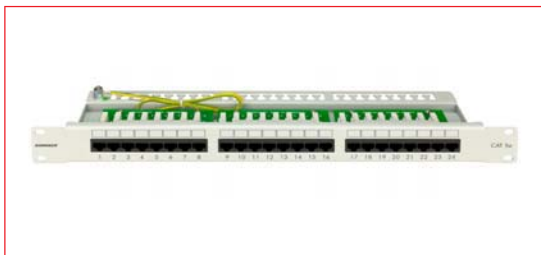
HSERU246GV

SCHRACK-INFO

This patchpanel 19" is loaded with RJ45 jacks and fulfills Class E performance. It comes as 1U tray-type version in color RAL7035 (lightgrey) including a metal-cover. The cover of the patchpanel is fixed by a quick fastener and can be opened without need of any tool. Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 19" 24xRJ45 unshielded Cat.6, 1U, RAL7035		HSERU246GV

Patchpanel 19" RJ45 unshielded Cat.5e



HSERU245GF

SCHRACK-INFO

This patchpanel 19" is loaded with RJ45 jacks and fulfills Class D performance. It comes as 1U tray-type version in color RAL7035 (lightgrey). Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 19" 24xRJ45 unshielded Cat.5e, 1U, RAL7035		HSERU245GF

LSA Crimping Tools



HKRONELSA



HSETOOL01F



HSETOOL02F



HSETOOL03F

DESCRIPTION	AVAILABLE	ORDER NO.
LSA Crimping tool with sensor, grey		HKRONELSA
Crimping tool without sensor, LSA		HSETOOL01F
Spare Blade for HSETOOL01F, System 110		HSETOOL02F
Spare Blade for HSETOOL01F, System LSA		HSETOOL03F

LED Patchcords RJ45 shielded Cat.6_A (System Patchcord Class E_A)

SCHRACK-INFO

During planning and first installation of a structured cabling system a lot of time is invested to find the correct structure. At the time when the network is going into operation, all patchcords in the network enclosures are documented clearly and in detail. The assignment is clear. When time goes by, the needs change and patching is changed accordingly. Mostly the documentation remains unchanged and the assignment results to be "pure chaos". Especially when patching from one enclosure to another (as frequently done in data centres), it is nearly impossible to find both ends of a patchcord. The result: Loss of time and also frequently data loss due to disconnecting a wrong patchcord.

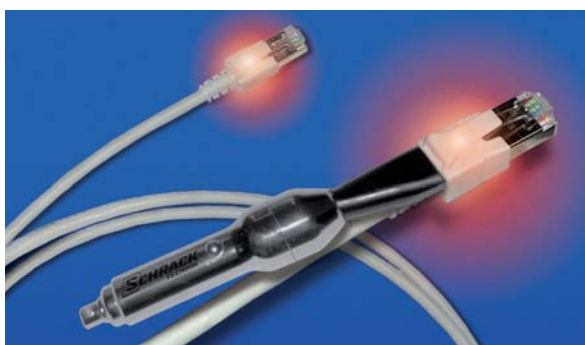
The solution: SCHRACK LED Patchcords in use together with the Patchfinder tool. Disconnecting a wrong patchcord belongs to the past. Also after many changes of the patching, the assignment of the patchcord is easy and 100 % correct.



SCHRACK LED Patchcords are suitable for data transfer up to 10 Gigabit Ethernet and 500 MHz bandwidth.



SCHRACK LED Patchcords with Light-functionality together with the Patchfinder light source (Order-No.: HLEDTOOL) "shed light" on the network enclosure. On the back of the plug of the LED patchcord, there are two contact openings for the Patchfinder tool.



By connecting the Patchfinder to the contact-openings, both kink protection hoods at both ends of the patchcord start to light up in red. Data transmission is of course not affected. For optimized identification, there are three modes available: Permanent light, slow and quick flashing. This assures easy assignment also in the vicinity of flashing switch ports.



An additional help for identification offer the different colour clips (Order-No.: HLEDCLIPx). By use of these clips, different services can be marked in red, blue, green and yellow as required.

LED Patchcords RJ45 shielded Cat.6_A (System-Patchcords Class E)



H6GSG02K0G



H6GSG02K0G



H6GSB02K0B



H6GSR02K0R



H6GSY02K0Y



H6GSU02K0U

SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. On the RJ45 connector of the LED patchcord, there are two contacts for the Patchfinder tool. By connecting the Patchfinder to the contacts, the boots at both ends of the LED patchcord start to light. Thus the patching is easily identified. During Light-functionality, Data-transmission remains stable and is not affected. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 0.33m		H6GSG00K3G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 0.5m		H6GSG00K5G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 1.0m		H6GSG01K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 2.0m		H6GSG02K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 3.0m		H6GSG03K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 5.0m		H6GSG05K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 7.0m		H6GSG07K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 10.0m		H6GSG10K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 15.0m		H6GSG15K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 20.0m		H6GSG20K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 30.0m		H6GSG30K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, grey, 50.0m		H6GSG50K0G
Blue		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, blue, 0.5m		H6GSB00K5B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, blue, 1.0m		H6GSB01K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, blue, 2.0m		H6GSB02K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, blue, 3.0m		H6GSB03K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, blue, 5.0m		H6GSB05K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, blue, 7.0m		H6GSB07K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, blue, 10.0m		H6GSB10K0B
Red		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, red, 0.5m		H6GSR00K5R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, red, 1.0m		H6GSR01K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, red, 2.0m		H6GSR02K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, red, 3.0m		H6GSR03K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, red, 5.0m		H6GSR05K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, red, 7.0m		H6GSR07K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, red, 10.0m		H6GSR10K0R
Yellow		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, yellow, 0.5m		H6GSY00K5Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, yellow, 1.0m		H6GSY01K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, LSOH, yellow, 2.0m		H6GSY02K0Y

DE-EMBEDDED LINE Cat.6, Cat.5e – STP & UTP System LSA

LED Patchcords RJ45 shielded Cat.6_A (System-Patchcords Class E)

DESCRIPTION	AVAILABLE	ORDER NO.
Yellow		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 3.0m		H6GSY03K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 5.0m		H6GSY05K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 7.0m		H6GSY07K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 10.0m		H6GSY10K0Y
Green		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 0.5m		H6GSU00K5U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 1.0m		H6GSU01K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 2.0m		H6GSU02K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 3.0m		H6GSU03K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 5.0m		H6GSU05K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 7.0m		H6GSU07K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 10.0m		H6GSU10K0U
Aqua		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 0.5m		H6GSA00K5A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 1.0m		H6GSA01K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 2.0m		H6GSA02K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 3.0m		H6GSA03K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 5.0m		H6GSA05K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 7.0m		H6GSA07K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 10.0m		H6GSA10K0A



Patchfinder Light Injector for LED Patchcords



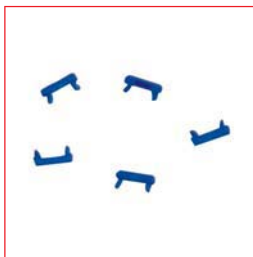
HLEDTOOL

SCHRACK-INFO

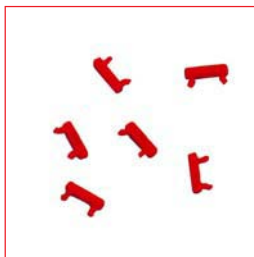
The Patchfinder is a power-supply, which activates the light of the LEDs of the LED patchcords. Three operational modi are available: Permanent light, slow and quick flashing. There is a mechanical reverse voltage protection included. Batteries are included in delivery (4 x LR41).

DESCRIPTION	AVAILABLE	ORDER NO.
Patchfinder Light Injector for LED patchcords		HLEDTOOL

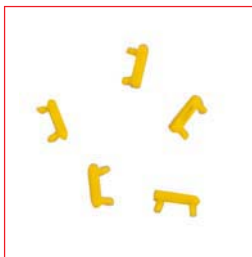
Colored Marking Clips for LED Patchcords



HLEDCLIPB



HLEDCLIPR



HLEDCLIPY



HLEDCLIPU

SCHRACK-INFO

An additional idenfication feature is realised by use of the different color-coding clips. Different services can be marked by the colors blue, red, yellow and green.

DESCRIPTION	AVAILABLE	ORDER NO.
Marking clip for color coding for LED patchcord, blue, 100 pcs.		HLEDCLIPB
Marking clip for color coding for LED patchcord, red, 100 pcs.		HLEDCLIPR
Marking clip for color coding for LED patchcord, yellow, 100 pcs.		HLEDCLIPY
Marking clip for color coding for LED patchcord, green, 100 pcs.		HLEDCLIPU

Patchcord RJ45 shielded Cat.6



H6GLG02K0G



H6GLG02K0G



H6GLB02K0B



H6GLR02K0R



H6GLY02K0Y



H6GLU02K0U

SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. Patchcord with moulded boot in matching cable color. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 shielded Cat.6, PVC, grey, 0.5m		H6GLG00K5G
Patchcord RJ45 shielded Cat.6, PVC, grey, 1.0m		H6GLG01K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 2.0m		H6GLG02K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 3.0m		H6GLG03K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 5.0m		H6GLG05K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 7.0m		H6GLG07K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 10.0m		H6GLG10K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 15.0m		H6GLG15K0G
Patchcord RJ45 shielded Cat.6, PVC, grey, 20.0m		H6GLG20K0G
Blue		
Patchcord RJ45 shielded Cat.6, PVC, blue, 0.5m		H6GLB00K5B
Patchcord RJ45 shielded Cat.6, PVC, blue, 1.0m		H6GLB01K0B
Patchcord RJ45 shielded Cat.6, PVC, blue, 2.0m		H6GLB02K0B
Patchcord RJ45 shielded Cat.6, PVC, blue, 3.0m		H6GLB03K0B
Patchcord RJ45 shielded Cat.6, PVC, blue, 5.0m		H6GLB05K0B
Patchcord RJ45 shielded Cat.6, PVC, blue, 10.0m		H6GLB10K0B
Red		
Patchcord RJ45 shielded Cat.6, PVC, red, 0.5m		H6GLR00K5R
Patchcord RJ45 shielded Cat.6, PVC, red, 1.0m		H6GLR01K0R
Patchcord RJ45 shielded Cat.6, PVC, red, 2.0m		H6GLR02K0R
Patchcord RJ45 shielded Cat.6, PVC, red, 3.0m		H6GLR03K0R
Patchcord RJ45 shielded Cat.6, PVC, red, 5.0m		H6GLR05K0R
Patchcord RJ45 shielded Cat.6, PVC, red, 10.0m		H6GLR10K0R
Yellow		
Patchcord RJ45 shielded Cat.6, PVC, yellow, 0.5m		H6GLY00K5Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 1.0m		H6GLY01K0Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 2.0m		H6GLY02K0Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 3.0m		H6GLY03K0Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 5.0m		H6GLY05K0Y
Patchcord RJ45 shielded Cat.6, PVC, yellow, 10.0m		H6GLY10K0Y
Green		
Patchcord RJ45 shielded Cat.6, PVC, green, 0.5m		H6GLU00K5U



Patchcord RJ45 shielded Cat.6

DESCRIPTION	AVAILABLE	ORDER NO.
Green		
Patchcord RJ45 shielded Cat.6, PVC, green, 0.5m		H6GLU00K5U
Patchcord RJ45 shielded Cat.6, PVC, green, 1.0m		H6GLU01K0U
Patchcord RJ45 shielded Cat.6, PVC, green, 2.0m		H6GLU02K0U
Patchcord RJ45 shielded Cat.6, PVC, green, 3.0m		H6GLU03K0U
Patchcord RJ45 shielded Cat.6, PVC, green, 5.0m		H6GLU05K0U
Patchcord RJ45 shielded Cat.6, PVC, green, 10.0m		H6GLU10K0U

Patchcord RJ45 shielded Cat.5e (System-Patchcord Class D)



H5GLG02K0G



H5GLG02K0G



H5GLB02K0B



H5GLR02K0R



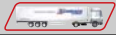
H5GLY02K0Y



H5GLU02K0U

SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. Patchcord with moulded boot in matching cable color. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 shielded Cat.5e, PVC, grey, 0.5m		H5GLG00K5G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 1.0m		H5GLG01K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 2.0m		H5GLG02K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 3.0m		H5GLG03K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 5.0m		H5GLG05K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 7.0m		H5GLG07K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 10.0m		H5GLG10K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 15.0m		H5GLG15K0G
Patchcord RJ45 shielded Cat.5e, PVC, grey, 20.0m		H5GLG20K0G
Blue		
Patchcord RJ45 shielded Cat.5e, PVC, blue, 0.5m		H5GLB00K5B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 1.0m		H5GLB01K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 2.0m		H5GLB02K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 3.0m		H5GLB03K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 5.0m		H5GLB05K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 7.0m		H5GLB07K0B
Patchcord RJ45 shielded Cat.5e, PVC, blue, 10.0m		H5GLB10K0B
Red		
Patchcord RJ45 shielded Cat.5e, PVC, red, 0.5m		H5GLR00K5R
Patchcord RJ45 shielded Cat.5e, PVC, red, 1.0m		H5GLR01K0R
Patchcord RJ45 shielded Cat.5e, PVC, red, 2.0m		H5GLR02K0R
Patchcord RJ45 shielded Cat.5e, PVC, red, 3.0m		H5GLR03K0R
Patchcord RJ45 shielded Cat.5e, PVC, red, 5.0m		H5GLR05K0R

■ Patchcord RJ45 shielded Cat.5e (System-Patchcord Class D)

DESCRIPTION	AVAILABLE	ORDER NO.
Red		
Patchcord RJ45 shielded Cat.5e, PVC, red, 7.0m		H5GLR07K0R
Patchcord RJ45 shielded Cat.5e, PVC, red, 10.0m		H5GLR10K0R
Yellow		
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 0.5m		H5GLY00K5Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 1.0m		H5GLY01K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 2.0m		H5GLY02K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 3.0m		H5GLY03K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 5.0m		H5GLY05K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 7.0m		H5GLY07K0Y
Patchcord RJ45 shielded Cat.5e, PVC, yellow, 10.0m		H5GLY10K0Y
Green		
Patchcord RJ45 shielded Cat.5e, PVC, green, 0.5m		H5GLU00K5U
Patchcord RJ45 shielded Cat.5e, PVC, green, 1.0m		H5GLU01K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 2.0m		H5GLU02K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 3.0m		H5GLU03K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 5.0m		H5GLU05K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 7.0m		H5GLU07K0U
Patchcord RJ45 shielded Cat.5e, PVC, green, 10.0m		H5GLU10K0U

■ LED Patchcord RJ45 unshielded Cat.6 (System-Patchcord Class E)



H6USG02K0G



H6USG02K0G

■ SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. On the RJ45 connector of the LED patchcord, there are two contacts for the Patchfinder tool. By connecting the Patchfinder to the contacts, the boots at both ends of the LED patchcord start to light. Thus the patching is easily identified. During Light-functionality, Data-transmission remains stable and is not affected. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 0.5m		H6USG00K5G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 1.0m		H6USG01K0G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 2.0m		H6USG02K0G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 3.0m		H6USG03K0G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 5.0m		H6USG05K0G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 7.0m		H6USG07K0G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 10.0m		H6USG10K0G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 15.0m		H6USG15K0G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 20.0m		H6USG20K0G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 25.0m		H6USG25K0G
LED Patchcord RJ45 unshielded Cat.6, LS0H, grey, 30.0m		H6USG30K0G



Order no. blue: on stock, usually ready for delivery on the day of order!

Patchfinder Light Injector for LED Patchcords



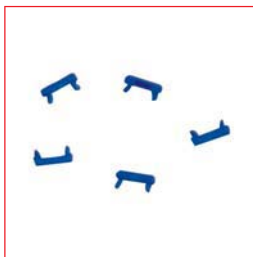
HLEDTOOL

SCHRACK-INFO

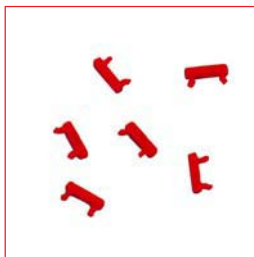
The Patchfinder is a power-supply, which activates the light of the LEDs of the LED patchcords. Three operational modi are available: Permanent light, slow and quick flashing. There is a mechanical reverse voltage protection included. Batteries are included in delivery (4 x LR41).

DESCRIPTION	AVAILABLE	ORDER NO.
Patchfinder Light Injector for LED patchcords		HLEDTOOL

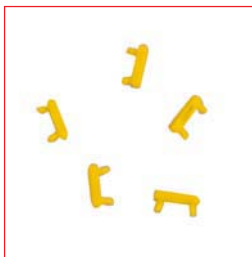
Colored Marking Clips for LED Patchcords



HLEDCLIPB



HLEDCLIPR



HLEDCLIPY



HLEDCLIPU

SCHRACK-INFO

An additional idenfication feature is realised by use of the different color-coding clips. Different services can be marked by the colors blue, red, yellow and green.

DESCRIPTION	AVAILABLE	ORDER NO.
Marking clip for color coding for LED patchcord, blue, 100 pcs.		HLEDCLIPB
Marking clip for color coding for LED patchcord, red, 100 pcs.		HLEDCLIPR
Marking clip for color coding for LED patchcord, yellow, 100 pcs.		HLEDCLIPY
Marking clip for color coding for LED patchcord, green, 100 pcs.		HLEDCLIPU

Patchcord RJ45 unshielded Cat.6



H6ULG02K0G



H6ULG02K0G



H6ULB02K0B



H6ULR02K0R



H6ULY02K0Y



H6ULU02K0U

SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. Patchcord with moulded boot in matching cable color. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 unshielded Cat.6, PVC, grey, 0.5m		H6ULG00K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 1.0m		H6ULG01K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 2.0m		H6ULG02K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 3.0m		H6ULG03K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 5.0m		H6ULG05K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 7.0m		H6ULG07K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 10.0m		H6ULG10K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 15.0m		H6ULG15K0G
Patchcord RJ45 unshielded Cat.6, PVC, grey, 20.0m		H6ULG20K0G
Blue		
Patchcord RJ45 unshielded Cat.6, PVC, blue, 1.0m		H6ULB01K0B
Patchcord RJ45 unshielded Cat.6, PVC, blue, 2.0m		H6ULB02K0B
Patchcord RJ45 unshielded Cat.6, PVC, blue, 3.0m		H6ULB03K0B
Patchcord RJ45 unshielded Cat.6, PVC, blue, 5.0m		H6ULB05K0B
Patchcord RJ45 unshielded Cat.6, PVC, blue, 10.0m		H6ULB10K0B
Red		
Patchcord RJ45 unshielded Cat.6, PVC, red, 1.0m		H6ULR01K0R
Patchcord RJ45 unshielded Cat.6, PVC, red, 2.0m		H6ULR02K0R
Patchcord RJ45 unshielded Cat.6, PVC, red, 3.0m		H6ULR03K0R
Patchcord RJ45 unshielded Cat.6, PVC, red, 5.0m		H6ULR05K0R
Patchcord RJ45 unshielded Cat.6, PVC, red, 10.0m		H6ULR10K0R
Yellow		
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 1.0m		H6ULY01K0Y
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 2.0m		H6ULY02K0Y
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 3.0m		H6ULY03K0Y
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 5.0m		H6ULY05K0Y
Patchcord RJ45 unshielded Cat.6, PVC, yellow, 10.0m		H6ULY10K0Y
Green		
Patchcord RJ45 unshielded Cat.6, PVC, green, 1.0m		H6ULU01K0U
Patchcord RJ45 unshielded Cat.6, PVC, green, 2.0m		H6ULU02K0U
Patchcord RJ45 unshielded Cat.6, PVC, green, 3.0m		H6ULU03K0U
Patchcord RJ45 unshielded Cat.6, PVC, green, 5.0m		H6ULU05K0U
Patchcord RJ45 unshielded Cat.6, PVC, green, 10.0m		H6ULU10K0U



■ Patchcord RJ45 unshielded Cat.5e (System-Patchcord Class D)



H5ULG02K0G



H5ULG02K0G



H5ULB02K0B



H5ULR02K0R



H5ULY02K0Y



H5ULU02K0U

■ SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. Patchcord with moulded boot in matching cable color. Pin assignment 1:1.

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 0.5m		H5ULG00K5G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 1.0m		H5ULG01K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 2.0m		H5ULG02K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 3.0m		H5ULG03K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 5.0m		H5ULG05K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 7.0m		H5ULG07K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 10.0m		H5ULG10K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 15.0m		H5ULG15K0G
Patchcord RJ45 unshielded Cat.5e, PVC, grey, 20.0m		H5ULG20K0G
Blue		
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 0.5m		H5ULB00K5B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 1.0m		H5ULB01K0B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 2.0m		H5ULB02K0B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 3.0m		H5ULB03K0B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 5.0m		H5ULB05K0B
Patchcord RJ45 unshielded Cat.5e, PVC, blue, 10.0m		H5ULB10K0B
Red		
Patchcord RJ45 unshielded Cat.5e, PVC, red, 0.5m		H5ULR00K5R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 1.0m		H5ULR01K0R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 2.0m		H5ULR02K0R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 3.0m		H5ULR03K0R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 5.0m		H5ULR05K0R
Patchcord RJ45 unshielded Cat.5e, PVC, red, 10.0m		H5ULR10K0R
Yellow		
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 0.5m		H5ULY00K5Y
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 1.0m		H5ULY01K0Y
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 2.0m		H5ULY02K0Y

■ Patchcord RJ45 unshielded Cat.5e (System-Patchcord Class D)

DESCRIPTION	AVAILABLE	ORDER NO.
Yellow		
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 3.0m		H5ULY03K0Y
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 5.0m		H5ULY05K0Y
Patchcord RJ45 unshielded Cat.5e, PVC, yellow, 10.0m		H5ULY10K0Y
Green		
Patchcord RJ45 unshielded Cat.5e, PVC, green, 0.5m		H5ULU00K5U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 1.0m		H5ULU01K0U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 2.0m		H5ULU02K0U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 3.0m		H5ULU03K0U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 5.0m		H5ULU05K0U
Patchcord RJ45 unshielded Cat.5e, PVC, green, 10.0m		H5ULU10K0U



Installation cable S/FTP Cat.7_A 1200 MHz



HSEKP422HB



HSEKP822HB

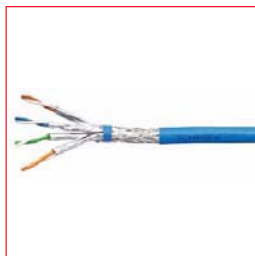
SCHRACK-INFO

Installation cables for generic, structured network cabling systems. Support all applications requiring Class D to Class F_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

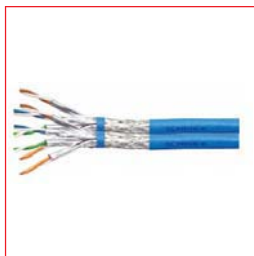
Standards:	IEC 11801, EN 50173-1
	Cat.7 _A acc. to IEC 61156-5, EN 50288-9-1
Conductor:	Simplex: 4 individual shielded twisted pairs / Duplex: 2x4
Conductor material:	Solid bare copper, AWG22/1 (0.64mm)
Insulation material:	Foamed Polyethylen
Nominal diameter over insulation:	1.54mm
Pair shield:	AL-foil (PiMF)
Overall braid:	Solid, tinned copper, Coverage = 50%
Jacket:	LSOH-3, FRNC acc. to
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-3-24, EN 60332-3-24
Outside diameter:	Simplex: 8.1 mm ± 0.3 mm, duplex: 8.1 mm ± 0.3 mm x 17.5 mm ± 0.5 mm
Jacket color:	Blue, RAL5015
Temperature range during operation, storage:	-30°C to +60°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	Simplex: 33mm, Duplex: 33mm (flat side)
Min. bend radius during installation:	Simplex: 66mm, Duplex: 66mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 700kJ/m, Duplex: 1400kJ/m
Total cable weight:	Simplex: 65kg/km, Duplex: 130kg/km
NVP (Nominal velocity of propagation):	0.73c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7 _A 4x2xAWG22/1, 1.200Mhz, LSOH-3, 50%, blue		HSEKP422HB
S/FTP Cable Cat.7 _A 2x(4x2xAWG22/1), 1.200Mhz, LSOH-3, 50% blue		HSEKP822HB

■ Installationscables S/FTP Cat.7 1000 MHz LS0H-3



HSEKP4233K



HSEKP8233K

■ SCHRACK-INFO

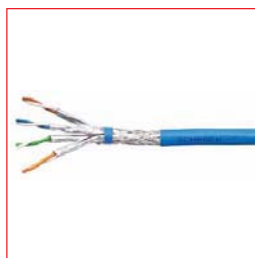
Installationscables for generic, structured network cabling systems. Support all applications requiring Class D to Class F (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
Conductor:	Cat.7 acc. to IEC 61156-5, EN 50288-4-1
Conductor material:	Simplex: 4 individual shielded twisted pairs / Duplex: 2x4
Insulation material:	Solid bare copper, AWG23/1 (0.57mm)
Nominal diameter over insulation:	Foamed Polyethylen
Pair-foil:	1.4mm
Overall braid:	AL-foil (PiMF)
Jacket:	Solid, tinned copper, coverage = 35%
	LS0H-3, FRNC acc. to
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-3-24, EN 60332-3-24
Outside diameter:	Simplex: 7.5mm, Duplex: 7.5mm x 15.2mm
Jacket color:	Blue, RAL5015
Temperature range during operation, storage:	-20°C to +60°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	Simplex: 30mm, Duplex: 30mm (flat side)
Min. bend radius during installation:	Simplex: 60mm, Duplex: 60mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 600kJ/m, Duplex: 1200kJ/m
Total cable weight:	Simplex: 59kg/km, Duplex: 136kg/km
NVP (Nominal velocity of propagation):	0,80c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H-3, blue		HSEKP4233K
S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LS0H-3, blue		HSEKP8233K



Installation cables S/FTP Cat.7 1000 MHz



HSEKP423HB



HSEKP823HB

SCHRACK-INFO

Installation cables for generic, structured network cabling systems. Support all applications requiring Class D to Class F (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
	Cat.7 acc. IEC 61156-5, EN 50288-4-1
Conductor:	Simplex: 4 individual shielded, twisted pair / Duplex: 2x4
Conductor material:	Solid bare copper AWG23/1 (0.58mm)
Insulation material:	Foamed polyethylene
Nominal diameter over insulation:	1.45mm
Pair-Shield:	AL-foil (PiMF)
Overall Braid:	Solid, tinned copper, coverage = 40%
Jacket:	LSOH, FRNC according to:
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-1, EN 60332-1
Outside diameter:	Simplex: 7.2mm ± 0.3mm, Duplex: 7.2mm ± 0.3mm x 16.0mm ± 0.5mm
Jacket color:	Blue, RAL 5015
Temperature range during operation, storage:	-30°C bis +60°C
Temperature range during installation:	0°C bis +50°C
Min. bend radius during operation:	Simplex: 29mm, Duplex: 29mm (flat side)
Min. bend radius during installation:	Simplex: 58mm, Duplex: 58mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 500kJ/m, Duplex: 1000kJ/m
Total cable weight:	Simplex: 53kg/km, Duplex: 111kg/km
NVP (Nominal velocity of propagation)	0.78c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LSOH, 40%, blue		HSEKP423HB
S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LSOH, 40%, blue		HSEKP823HB

DE-EMBEDDED LINE Cat.6, Cat.5e – STP & UTP System LSA

Installationcables F/FTP Cat.6_A 500 MHz (System-Installationcables Class E)



HSEKP423HA



HSEKP823HA

SCHRACK-INFO

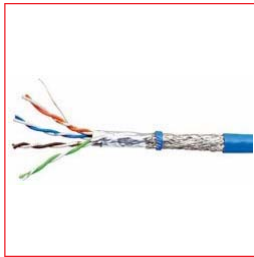
Installationcables for generic, structured network cabling systems. Support all applications requiring Class D to Class E_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
	Cat.6 _A according IEC 61156-5, EN 50288-10-1
Conductor:	Simplex: 4 individual shielded twisted pairs / Duplex: 2x4
Conductor material:	Solid bare copper AWG23/1
Drain wire:	AWG26/1
Insulation material:	halogenfree foam/skin material
Pair-Foil:	AL-foil (PIMF)
Overall shield:	AL-foil
Jacket:	LSOH, FRNC acc. to
	IEC 61034, EN 50268
	IEC 60754, EN 50267
	IEC 60332-1, EN 60332-1
Outside diameter:	Simplex: 7.2mm, duplex: 7.2mm x 15.0mm
Jacket color:	Blue, RAL5015
Temperature range during operation, storage:	-20°C to +60°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	Simplex: 22mm, Duplex: 22mm (flat side)
Min. bend radius during installation:	Simplex: 55mm, Duplex: 55mm (flat side)
Max. pulling strength:	Simplex: 145N, Duplex: 290N
Burning load:	Simplex: 580kJ/m, Duplex: 1180 kJ/m
Total cable weight:	Simplex: 50kg/km, Duplex: 100kg/km
NVP (Nominal velocity of propagation):	0,79c

DESCRIPTION	AVAILABLE	ORDER NO.
F/FTP Cable Cat.6 _A , 4x2xAWG23/1, 500MHz, LSOH, blue		HSEKP423HA
F/FTP Cable Cat.6 _A , 2x(4x2xAWG23/1), 500MHz, LSOH, blue		HSEKP823HA



Installationcable SF/UTP Cat.5e (System-Installationcable Class D)



HSEKS424PP

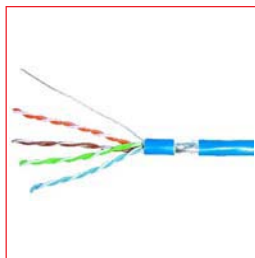
SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

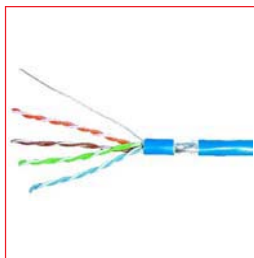
Standards:	ISO/IEC 11801, EN 50173-1
	Cat.5 acc. to IEC 61156-5, EN 50288-2-1
Conductor:	4 unshielded, twisted pairs
Conductor material:	Solid bare copper AWG24/1 (0.52mm)
Insulation material:	PE
Nominal diameter over insulation:	1.05mm
Overall Shield:	AL-foil + tinned copper-wire braid
Jacket:	PVC
Outside diameter:	6.0mm
Jacket color:	Blue
Temperature range during operation, storage:	-20°C to +70°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	30mm
Min. bend radius during installation:	50mm
Max. pulling strength:	100N
Total cable weight:	45kg/km
NVP (Nominal velocity of propagation):	0.75c

DESCRIPTION	AVAILABLE	ORDER NO.
SF/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue		HSEKS424PP

Installationcables F/UTP Cat.5e



HSEKF424PP



HSEKF424H1

SCHRACK-INFO

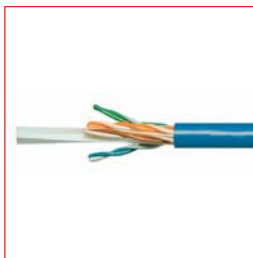
Installationcables for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

	HSEKF424H1	HSEKF424P1	HSEKF424PP
Standards:	ISO/IEC 11801, EN 50173-1 Cat.5 acc. IEC 61156-5, EN 50288-2-1		
Conductor:	4 unshielded, twisted pairs		
Conductor material:	Solid bare copper, AWG24/1 (0.52 mm)		
Drain wire:	AWG26/7 (0.16 mm)		
Insulation material:	PE		
Nominal diameter over insulation:	1.05mm		0.93mm
Overall shield:	Al-foil		
Jacket:	LSOH acc. to IEC 60332-1, EN 60332-1		PVC
Outside diameter:	5.2mm		5.9mm
Jacket color:	Blue		
Temperature range during operation, storage:	-20°C to +70°C		
Temperature range during installation:	0°C to +50°C		
Min. bend radius during operation:	30mm		
Min. bend radius during installation:	50mm		
Max. pulling strength:	100N		
Total cable weight:	39kg/km	38kg/km	49kg/km
NVP (Nominal velocity of propagation):	0.75c		0.68c

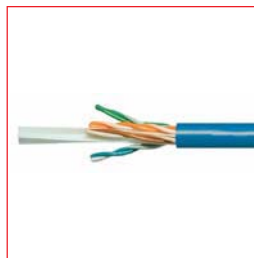
DESCRIPTION	AVAILABLE	ORDER NO.
F/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue, Drum		HSEKF424PP
F/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue, Box		HSEKF424P1
F/UTP Cable Cat.5e, 4x2xAWG24/1, LSOH, blue, Box		HSEKF424H1



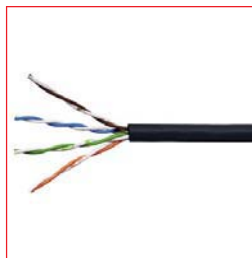
Installationcables U/UTP Cat.6 300 MHz (System-Installationcables Class E)



HSEKU423P1



HSEKU423H1



HSEKU423E3

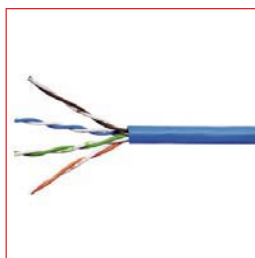
SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D to Class E (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

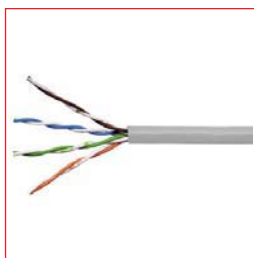
	HSEKU423P1	HSEKU423H1	HSEKU423E3
Standards:	ISO/IEC 11801, EN 50173-1		
	Cat.6 acc. IEC 61156-5, EN 50288-6-1		
Conductor:	4 unshielded, twisted pairs		
Conductor material:	Solid bare copper AWG23/1		
Cross separator:	Polyethylen		---
Insulation material:	Polyethylen		HDPE
Nominal diameter over insulation	0.96mm		0.91mm
Jacket:	PVC	LS0H acc. to IEC 60332-1, EN 60332-1	LDPE
Outside diameter:	5.7mm ± 0.3mm		6.5mm
Jacket color:	Blue		Black
Temperature range during operation, storage:	-30°C to +60°C		-10°C to +60°C
Temperature range during installation:	0°C to +50°C		
Min. bend radius during operation:	23mm		26mm
Min. bend radius during installation:	46mm		52mm
Max. pulling strength:	80N		90N
Total cable weight:	37kg/km		30kg/km
NVP (Nominal velocity of propagation):	0.70c		0.69c

DESCRIPTION	AVAILABLE	ORDER NO.
U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, PVC, blue		HSEKU423P1
U/UTP Cable Cat.6, 4x2xAWG23/1, 300MHz, LS0H, blue		HSEKU423H1
U/UTP Cable Cat.6, 4x2xAWG23/1, PE OUTDOOR, black		HSEKU423E3

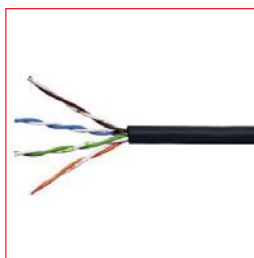
Installationcables U/UTP Cat.5e (System-Installationcables Class D)



HSEKU424P1



HSEKU424PO



HSEKU424E3

SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D (e.g. 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

	HSEKU424P1	HSEKU424PO	HSEKU424PB	HSEKU424H1	HSEKU424E3
Standards:	ISO/IEC 11801, EN 50173-1				
	Cat.5 acc. to IEC 61156-5, EN 50288-3-1				
Conductor:	4 unshielded, twisted pairs				
Conductor material:	Solid bare copper, AWG24/1 (0.51mm)				
Insulation material:	HDPE				
Nominal diameter over insulation:	0.9mm				0.91mm
Jacket:	PVC			LSOH acc. to IEC 60332-1, EN 60332-1	LDPE
Outside diameter:	5.2mm				5.1mm
Jacket color:	Blue	Grey	Blue		Black
Temperature range during operation, storage	-10°C to +60°C				
Temperature range during installation:	0°C to +50°C				
Min. bend radius during operation:	21mm				
Min. bend radius during installation:	42mm				
Max. pulling strength:	90N				
Total cable weight:	30kg/km				
NVP (Nominal velocity of propagation):	0.69c				

DESCRIPTION	AVAILABLE	ORDER NO.
U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue, Box		HSEKU424P1
U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, grey, Box		HSEKU424PO
U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, blue, Drum		HSEKU424PB
U/UTP Cable Cat.5e, 4x2xAWG24/1, LSOH, blue, Box		HSEKU424H1
U/UTP Cable Cat.5e, 4x2xAWG24/1, PE OUTDOOR, black		HSEKU424E3





Schrack 4 Home Multimedia Cabling

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■ DIN RAIL ADAPTORS



■ SCHRACK 4 HOME DISTRIBUTION BOARDS

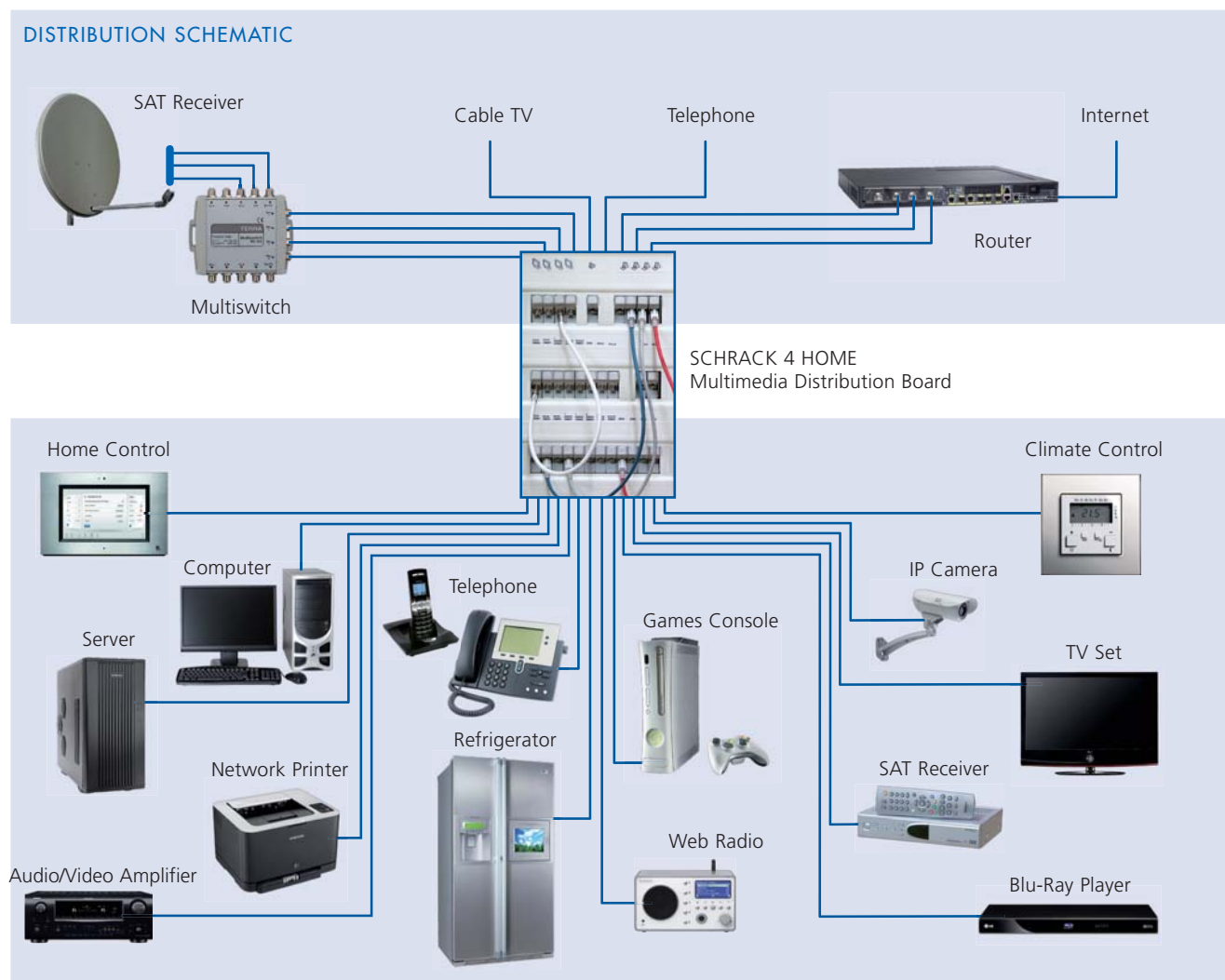


Schrack 4 Home Multimedia Cabling

For many, the SCHRACK TECHNIK multimedia cabling may sound futuristic. In reality, it is tomorrow's standard. And available already today, you can use it to gain your customer's enthusiasm. The flexible way of living. Multimedia cabling allows to use rooms flexibly. In no time at all, a bedroom can be turned into a guest room. And an office becomes a nursery. This is the cutting-edge advantage for your customers: The outlets are already available where they are needed. There is no need for additional cabling or let alone disrupting existing walls. The technical basis form data outlets in all rooms and a central multimedia distribution board.

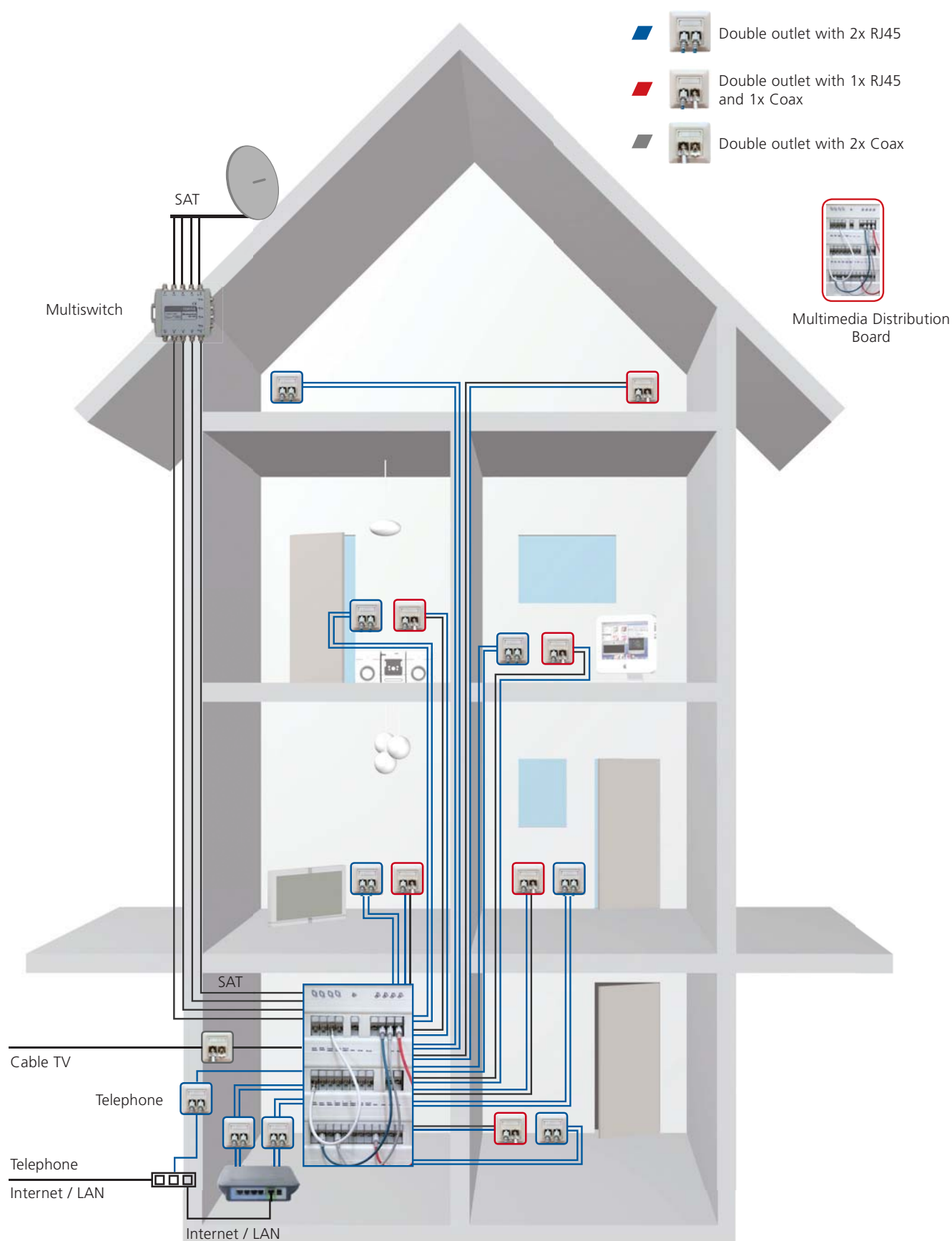
ALL SIGNALS ARE ROUTED TO WHERE YOUR CUSTOMERS WANT.

The multimedia cabling transfers the received signals (telephone, internet, LAN, SAT TV, cable TV) to the central multimedia distribution board.



The multimedia distribution board patches the signals to any one of the existing outlets in the different rooms, depending on where the corresponding peripheral device is located.

ROOM FOR INNOVATION AND LIFESTYLE.



PERFECTION IN ALL DETAILS.



Multimedia Distribution Board

-   Double outlet with 2x RJ45
-   Double outlet with 1x RJ45 and 1x Coax
-   Double outlet with 2x Coax



We recommend to fit each room with at least two outlets (for RJ45 and Koax) in separate positions in the room.

One of the main items of the Schrack Multimedia Cabling is purpose-built DIN rail adaptor. Its design is based on the well-known mounting method and specially adapted to multimedia cabling.



Distribution Boards – Flushmount and Cavity wall installation with Metalldoor, RAL9016



BK070003-F

SCHRACK-INFO

- flush-mounted installation: flat and higher door frame possible (installation depth 88 mm)
- Cavity partition wall installation: use only higher door frame (installation depth 88 mm)
- degree of protection IP 30, insert and wall box - Polysterol, glow wire test, halogenless
- Incl. PE- and N-terminals

delivery contents:

Enclosure, DIN-rails, plaster- and devices cover, NL- and PE terminals, Mounting instruction, Fixing material for Cavity wall, Mounting brackets, self-adhesive, Piktogramm, turning bolt

DESCRIPTION	AVAILABLE	ORDER NO.
Flushmount Distribution Board		
1-row, 12/14MW, complete		BK070001
2-rows, 24/28MW, complete		BK070002
3-rows, 36/42MW, complete		BK070003
4-rows, 48/56MW, complete		BK070004
1-row, 12/14MW, with high frame		BK070001-F
2-rows, 24/28MW, with high frame		BK070002-F
3-rows, 36/42MW, with high frame		BK070003-F
4-rows, 48/56MW, with high frame		BK070004-F
Lock Set for BK070....		BK077004

Distribution Boards – Wallmount without door, RAL9016



BK003023



BK003003

SCHRACK-INFO

Enclosure:

- Made of plastic
- PE/N-terminals fully isolated with clip and easy mounting of PE+N terminal block
- Devices for 12 modules (can be widened to 14 modules)
- For devices from 51 to 68mm

Doors:

- Sheet steel, powder coated. The door is closed by a flush designer handle, fold back function
- opening angle is 180°
- left or right hand hinged

DESCRIPTION	AVAILABLE	ORDER NO.
Distribution Board Wallmount		
1-row, 12MW, without door - 300x245x106mm		BK003021
2-rows, 24MW, without door - 300x370x106mm		BK003022
3-rows, 36MW, without door - 300x495x106mm		BK003023
4-rows, 48MW, without door - 300x620x106mm		BK003024
Metalldoor		
Sheet Steel Door for BK003021, 1-row		BK003001
Sheet Steel Door for BK003022, 2-rows		BK003002
Sheet Steel Door for BK003023, 3-rows		BK003003
Sheet Steel Door for BK003023, 4-rows		BK003004
Door Lock for BK003001-004		BK003005

Enclosure – Flushmount with Metalldoor, RAL9016



IL177112US



IL177212US

SCHRACK-INFO

Modular flush mounted enclosure made of sheet steel. Available in 4-, 6-, 7- and 8-rows, 13 modules or 21 modules each row. Depth 180 mm. Standardlock with turning bolt, degree of protection IP 30.

delivery contents: flush mounted frame with wall box and installation insert.

DESCRIPTION	AVAILABLE	ORDER NO.
Flushmount Enclosure 13TE per row		
1-12HE, 4-rows, 52TE, H640W380D180mm		IL177112US
1-18HE, 6-rows, 78TE, H915W380D180mm		IL177118US
1-21HE, 7-rows, 91TE, H1055W380D180mm		IL177121US
1-24HE, 8-rows, 104TE, H1195W380D180mm		IL177124US
Flushmount Enclosure 21TE per row		
2-12HE, 4-rows, 84TE, H640W590D180mm		IL177212US
2-18HE, 6-rows, 126TE, H915W590D180mm		IL177218US
2-21HE, 7-rows, 147TE, H1055W590D180mm		IL177221US
2-24HE, 8-rows, 168TE, H1195W590D180mm		IL177224US

Enclosure - Wallmount with Metalldoor, RAL7035 (Lightgrey)



IL172112



IL172212

SCHRACK-INFO

Modular wall mounted enclosure made of sheet steel. Available in 4-, 6-, 7- and 8-rows, 13 modules or 21 modules each row. Depth 180 mm and 250 mm. Standardlock with turning bolt, degree of protection IP 30.

delivery contents: wall mounted enclosure with rear panel and installation insert.

DESCRIPTION	AVAILABLE	ORDER NO.
Wallmount Enclosure 13TE per row		
1-12HE, 4-rows, 52Units, H640W380D180mm		IL172112AS
1-18HE, 6-rows, 78Units, H915W380D250mm		IL172118AS
1-21HE, 7-rows, 91Units, H1055W380D250mm		IL172121AS
1-24HE, 8-rows, 104Units, H1195W380D250mm		IL172124AS
Wallmount Enclosure 21TE per row		
2-12HE, 4-rows, 84Units, H640W590D180mm		IL172212AS
2-18HE, 6-rows, 126Units, H915W590D250mm		IL172218AS
2-21HE, 7-rows, 147Units, H1055W590D250mm		IL172221AS
2-24HE, 8-rows, 168Units, H1195W590D250mm		IL172224AS



Enclosure Accessory - Universal Mountingplate



HS4HUMON01



HS4HUMON01

SCHRACK-INFO

Universal useable mounting plate with adapter-clips for DIN-rail mounting. width 210 mm, height: 120 mm. Moveable and adjustable hook and loop fastener for the fixing of small devices.

DESCRIPTION	AVAILABLE	ORDER NO.
S4H Mountingplate Universal for DIN-rail, 210x120mm		HS4HUMON01

Enclosure Accessory - Blindcover



IL900251



IL900251-W



IK623001

DESCRIPTION	AVAILABLE	ORDER NO.
Blank strips, smooth grey, 1000 mm		IL900251
Blank strips, smooth white, 1000 mm		IL900251-W
End bracket for DIN-Rail, screw-version		IK623001

Enclosure Accessory - SL Clips



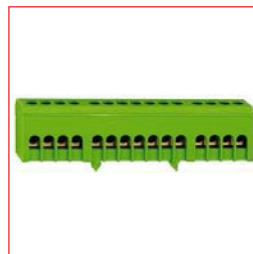
IK021037



IK021037I



IK021039



IK021039I

DESCRIPTION	AVAILABLE	ORDER NO.
PE terminal, 7 outgoing terminals		IK021037
Insulated PE terminal, 7 outgoing terminals		IK021037I
PE terminal, 15 outgoing terminals		IK021039
Insulated PE terminal, 15 outgoing terminals		IK021039I

Enclosure Accessory - Easy Connection Box



IK021079



IK021081

SCHRACK-INFO

Snap-on mounting on DIN-rail. Quick-connect spring-clamp connection terminals.

DESCRIPTION	AVAILABLE	ORDER NO.
Green, 2 x 25mm ² , 14 x 6mm ²		IK021079
White, 2 x 25mm ² , 14 x 6mm ²		IK021081

Enclosure Accessory - Small Connect



BS990176

SCHRACK-INFO

Bus bar to connect earthing connections of several DIN-rail adapters together easily and quick. Bus bar is one meter in length and is cuttable to length needed. Also this bus bar fixes adapter in a line together.

DESCRIPTION	AVAILABLE	ORDER NO.
Small Connect, Busbar 1 pole, 1m, 1MW, Phase		BS990176

DIN-Rail Adapter empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSERH010GS



HSERH010GS

SCHRACK-INFO

The DIN-rail adapter is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The adapter comes in color RAL7035 (lightgrey). The width equals to one unit (ca. 17.5mm). Shielded RJ45 modules are connected to the potential equalisation clamps during click-in via a spring-type contact. Labelling is possible by a paper behind a window. Each DIN-rail adapter comes with a side-cover. This cover is used as a protection against contact on the most-left and most-right adapter in a row.

DESCRIPTION	AVAILABLE	ORDER NO.
DIN-rail adapter empty for 1 module (SFA)(SFB)		HSERH010GS



TOOLLESS LINE Jack RJ45 shielded Cat.6_A in Schrack Format A (SFA)



HSEMRJ6GWA



HSEMRJ6GWA

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format A (SFA). The jack HSEMRJ6GWA fulfills Cat.6_A performance for 10 Gigabit Ethernet. It is a tool-less jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. Enhanced electro magnetic compliance (EMC) performance is achieved by the 360° spring-type shielding-contact and optimised overlapping of the bodyparts. The jack comes with a Fast-On connector for connection to an earthing-point and can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 shielded Cat.6 _A 10GB (SFA)		HSEMRJ6GWA

TOOLLESS LINE Jack RJ45 shielded Cat.6_A in Schrack Format B (SFB)



HSEMRJ6GBA



HSEMRJ6GBA

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format B (SFB). The jack HSEMRJ6GBA fulfills Cat.6_A performance for 10 Gigabit Ethernet. It is a tool-less jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. Enhanced electro magnetic compliance (EMC) performance is achieved by the 360° shielding-contact and optimised bodyparts. The jack comes with a Fast-On connector for connection to an earthing-point and can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 shielded Cat.6 _A 10GB (SFB)		HSEMRJ6GBA

Coupler Coax F-Type in Schrack Format A (SFA)



HSEMRKFFWS

SCHRACK-INFO

This Coax F-F coupler is a module in Schrack Format A (SFA). Before installing the coupler, the dust-cover of the data-outlet has to be removed.

DESCRIPTION	AVAILABLE	ORDER NO.
Coax F-F coupler (SFA)		HSEMRKFFWS

■ Coupler RJ45



HSEMRKRGWS

■ SCHRACK-INFO

This RJ45-RJ45 coupler is a module in Schrack Format A (SFA) and fulfills Cat.6 performance.

DESCRIPTION	AVAILABLE	ORDER NO.
Coupler RJ45-RJ45 shielded, Cat.6 (SFA)		HSEMRKRGWS

■ Data Outlets 80x80mm empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSED01UW2S



HSED02UW2S



HSEDZBES



HSEAP842WF

■ SCHRACK-INFO

These data-outlets comprise a die-cast zinc housing and are suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlets come in color RAL9010 and are suitable for cable-duct installation (CI), for flush-mounting (FM) or for surface-mounting (SM) by means of a separate wallmount-box. Floor-Box-installation (FB) is possible for angled outlets by breaking away 2 fastening lugs. Each outlet comes with its own paper and window for labelling. Delivery also includes the centralplate (50 x 50 mm) and the frame (80 x 80 mm). The angled outlets have dust-protection flaps and a Fast On earthing point. The labeling window is also available as a separate spare-part. Outlets can be combined with switch-programs by use of a distance-frame.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 80x80mm empty for 1 module (SFA)(SFB), angled, RAL9010		HSED01UW2S
Data Outlet 80x80mm empty for 2 modules (SFA)(SFB), angled, RAL9010		HSED02UW2S
Paper, window and screws for HSED0xUWxS		HSEDZBES
Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF

■ Data Outlet 80x80mm empty for Schrack Format B (SFB), UAE-Centralplate



HSED02UWBS



HSEDZBES



HSEAP842WF

■ SCHRACK-INFO

This data-outlet comprise a die-cast zinc housing and is suitable for installation of all SCHRACK modules in Schrack Format B (SFB). The outlet comes in color RAL9010 and is suitable for cable-duct installation (CI), for flush-mounting (FM) or for surface-mounting (SM) by means of a separate wallmount-box. Design-compatibility is easily possible due to the UAE-compatible centralplate. Replacing of centralplate is possible with all switch-programs that offer UAE-compatible centralplates. Each outlet comes with its own paper and window for labelling. Delivery also includes the centralplate (50 x 50 mm) and the frame (80 x 80 mm). The angled outlets have dust-protection flaps and two Fast On earthing points. The labeling window is also available as a separate spare-part.



Order no. blue: on stock, usually ready for delivery on the day of order!

Data Outlet 80x80mm empty for Schrack Format B (SFB), UAE-Centralplate

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 80x80mm empty for 2 modules (SFB), angled, RAL9010		HSED02UWBS
Paper, window and screws for HSED0xUWxS		HSEDZBES
Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF

Integration into Schrack Technik Switch-Programs

VISIO 50	1 module SFA and SFB	2 modules SFA and SFB	2 modules SFB
Carrier insert	EV104005 ¹⁾	EV104005 ²⁾	HSED02UWBS
Centralplate 50x50mm	EV104003 ¹⁾	EV104004 ²⁾	EV104006 ³⁾
Frame 80x80mm	EV105001	EV105001	EV105001
Wallmount box	-	-	-
1) Cannot be used with coax F-F coupler and FO coupler. For these modules use the carrier insert and the centralplate of HSED01UW2S together with the distance adapter EV105011 --.			
2) Cannot be used with coax F-F coupler and FO coupler. For these modules use the carrier insert and the centralplate of HSED02UW2S together with the distance adapter EV105011 --.			
3) Cannot be used with coax F-F coupler and FO coupler.			
VISIO 45	1 module SFA and SFB	2 modules SFA and SFB	2 modules SFB
Carrier insert	ET105002	ET105004	-
Centralplate 45x22,5mm	ET102017 ¹⁾	ET102017 ¹⁾ (2x)	-
Frame 80x80mm	ET105010	ET105014	-
Wallmount box	-	-	-
1) Cannot be used with coax F-F coupler and FO coupler.			
ELSO	1 module SFA and SFB	2 modules SFA and SFB	2 modules SFB
Carrier insert	-	-	HSED02UWBS
Carrier insert, Centralplate 50x50mm	HSED01UW2S	HSED02UW2S	-
Centralplate 50x50 mm, Distance frame	-	-	EL206534
Distance frame	EL203084	EL203084	-
Frame 80x80mm Fashion	EL204104	EL204104	EL204104
Frame 80x80mm Scala	EL204114	EL204114	EL204114
Frame 80x80mm Riva	EL204124	EL204124	EL204124
Wallmount box Fashion	EL234114 ¹⁾	EL234114 ¹⁾	EL234114 ¹⁾
1) Frame 80x80mm Fashion EL204104 not necessary.			

IP44 Data Outlets Wallmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44APT



HSEIP44AKT



HSEIP44AUT

SCHRACK-INFO

The IP44 wallmount outlet in combination with the IP44 adapter insert is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlet comes in color RAL7035 (lightgrey). To improve strain relief, we recommend to use the M25/ 2x8 cable gland which has been designed to accommodate two cables with a diameter from 3mm up to 8mm.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Wallmount Box, lockable, 90x90x90mm, RAL7035		HSEIP44APT
IP44 cable gland M25 for 2 cables 3 - 8mm		HSEIP44AKT
IP44 Adapter empty for 2 modules (SFA)(SFB)		HSEIP44AUT

IP44 Data Outlets Flushmount-Box empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSEIP44UPT



HSEIP44UDT



HSEIP44AUT

SCHRACK-INFO

The IP44 flushmount outlet in combination with the IP44 adapter insert is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The outlet comes in color RAL7035 (lightgrey). The complete flushmount outlet needs both, the flushmount cover and the flushmount box.

DESCRIPTION	AVAILABLE	ORDER NO.
IP44 Flushmount cover, lockable, 90x35x90mm, RAL7035		HSEIP44UPT
IP44 Flushmount box for flushmount cover HSEIP44UPT		HSEIP44UDT
IP44 Adapter empty for 2 modules (SFA)(SFB)		HSEIP44AUT

Patchpanel Desktop empty for Schrack Format A (SFA) and Schrack Format B (SFB)



HSER0080GV



HSERHUTADA

SCHRACK-INFO

This desktop patchpanel is suitable for installation of all SCHRACK modules in Schrack Format A (SFA) and Schrack Format B (SFB). The patchpanel comes in color RAL7035 (lightgrey). The patchpanel kann be fixed to a wall. Available accessories are adapter-clips (1PU = 2 pieces), which are needed to fix the patchpanel to a DIN-rail.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel Desktop empty for 8 modules (SFA)(SFB), RAL7035		HSER0080GV

TOOLLESS LINE Jack RJ45 shielded Cat.6_A 10GB in Schrack Format A (SFA)



HSEMRJ6GWA



HSEMRJ6GWA

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format A (SFA). The jack HSEMRJ6GWA fullfills Cat.6_A performance for 10 Gigabit Ethernet. It is a tool-less jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. Enhanced electro magnetic compliance (EMC) performance is achieved by the 360° spring-type shielding-contact and optimised overlapping of the bodyparts. The jack comes with a Fast-On connector for connection to an earthing-point and can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 shielded Cat.6 _A 10GB (SFA)		HSEMRJ6GWA



TOOLLESS LINE Jack RJ45 shielded Cat.6_A 10GB in Schrack Format B (SFB)



HSEMRJ6GBA



HSEMRJ6GBA

SCHRACK-INFO

This TOOLLESS LINE jack RJ45 is a module in Schrack Format B (SFB). The jack HSEMRJ6GBA fulfills Cat.6_A performance for 10 Gigabit Ethernet. It is a tool-less jack and can be crimped without the need of a special tool. This results in a very convenient installation procedure and very short installation time needed. Enhanced electro magnetic compliance (EMC) performance is achieved by the 360° shielding-contact and optimised bodyparts. The jack comes with a Fast-On connector for connection to an earthing-point and can be re-opened if needed.

DESCRIPTION	AVAILABLE	ORDER NO.
TOOLLESS LINE Jack RJ45 shielded Cat.6 _A 10GB (SFB)		HSEMRJ6GBA

Coupler Coax F-Type in Schrack Format A (SFA)



HSEMRKFFWS

SCHRACK-INFO

This Coax F-F coupler is a module in Schrack Format A (SFA). Before installing the coupler, the dust-cover of the data-outlet has to be removed.

DESCRIPTION	AVAILABLE	ORDER NO.
Coax F-F coupler (SFA)		HSEMRKFFWS

LED Patchcords RJ45 shielded Cat.6_A 10GB (System-Patchcords Class E_A)



H6GSG02K0G



H6GSG02K0G



H6GSB02K0B



H6GSR02K0R



H6GSY02K0Y



H6GSU02K0U

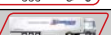
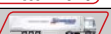


H6GSA02K0A

SCHRACK-INFO

Patchcords for generic, structured network cabling systems. Support all applications requiring Class D to Class E_A (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE. On the RJ45 connector of the LED patchcord, there are two contacts for the Patchfinder tool. By connecting the Patchfinder to the contacts, the boots at both ends of the LED patchcord start to light. Thus the patching is easily identified. During Light-functionality, Data-transmission remains stable and is not affected. Pin assignment 1:1.

LED Patchcords RJ45 shielded Cat.6_A 10GB (System-Patchcords Class E_A)

DESCRIPTION	AVAILABLE	ORDER NO.
Grey		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 0.33m		H6GSG00K3G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 0.5m		H6GSG00K5G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 1.0m		H6GSG01K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 2.0m		H6GSG02K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 3.0m		H6GSG03K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 5.0m		H6GSG05K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 7.0m		H6GSG07K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 10.0m		H6GSG10K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 15.0m		H6GSG15K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 20.0m		H6GSG20K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 30.0m		H6GSG30K0G
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, grey, 50.0m		H6GSG50K0G
Blue		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 0.5m		H6GSB00K5B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 1.0m		H6GSB01K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 2.0m		H6GSB02K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 3.0m		H6GSB03K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 5.0m		H6GSB05K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 7.0m		H6GSB07K0B
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, blue, 10.0m		H6GSB10K0B
Red		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 0.5m		H6GSR00K5R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 1.0m		H6GSR01K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 2.0m		H6GSR02K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 3.0m		H6GSR03K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 5.0m		H6GSR05K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 7.0m		H6GSR07K0R
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, red, 10.0m		H6GSR10K0R
Yellow		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 0.5m		H6GSY00K5Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 1.0m		H6GSY01K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 2.0m		H6GSY02K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 3.0m		H6GSY03K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 5.0m		H6GSY05K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 7.0m		H6GSY07K0Y
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, yellow, 10.0m		H6GSY10K0Y
Green		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 0.5m		H6GSU00K5U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 1.0m		H6GSU01K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 2.0m		H6GSU02K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 3.0m		H6GSU03K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 5.0m		H6GSU05K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 7.0m		H6GSU07K0U
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, green, 10.0m		H6GSU10K0U
Aqua		
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 0.5m		H6GSA00K5A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 1.0m		H6GSA01K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 2.0m		H6GSA02K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 3.0m		H6GSA03K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 5.0m		H6GSA05K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 7.0m		H6GSA07K0A
LED Patchcord RJ45 shielded Cat.6 _A 10GB, ISOH, aqua, 10.0m		H6GSA10K0A



Order no. blue: on stock, usually ready for delivery on the day of order!

Patchfinder Light Injector for LED Patchcords



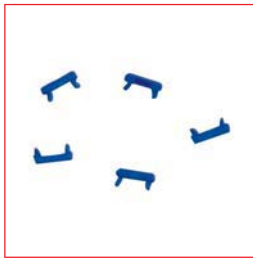
HLEDTOOL

SCHRACK-INFO

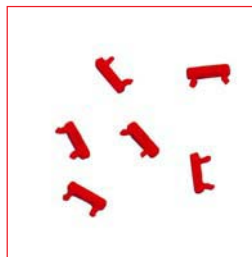
The Patchfinder is a power-supply, which activates the light of the LEDs of the LED patchcords. Three operational mode are available: Permanent light, slow and quick flashing. There is a mechanical reverse voltage protection included. Batteries are included in delivery (4 x LR41).

DESCRIPTION	AVAILABLE	ORDER NO.
Patchfinder Light Injector for LED patchcords		HLEDTOOL

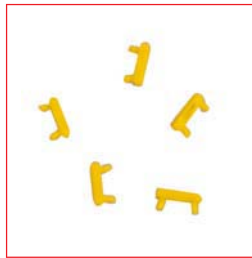
Colored Marking Clips for LED Patchcords



HLEDCLIPB



HLEDCLIPR



HLEDCLIPY



HLEDCLIPU

SCHRACK-INFO

An additional identification feature is realised by use of the different color-coding clips. Different services can be marked by the colors blue, red, yellow and green.

DESCRIPTION	AVAILABLE	ORDER NO.
Marking clip for color coding for LED patchcord, blue, 100 pcs.		HLEDCLIPB
Marking clip for color coding for LED patchcord, red, 100 pcs.		HLEDCLIPR
Marking clip for color coding for LED patchcord, yellow, 100 pcs.		HLEDCLIPY
Marking clip for color coding for LED patchcord, green, 100 pcs.		HLEDCLIPU

Patchcords Coax



HS4HC00K5



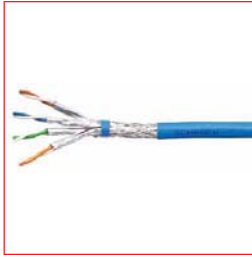
HS4HC00K5

SCHRACK-INFO

Coax patchcord with F-Quick connector at both ends. Quality grade Class A. Screening factor > 90dB.

DESCRIPTION	AVAILABLE	ORDER NO.
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 0.5m		HS4HC00K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 1.0m		HS4HC01K0
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 1.5m		HS4HC01K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 2.5m		HS4HC02K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 3.5m		HS4HC03K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 5.0m		HS4HC05K0

Installationcables S/FTP Cat.7 1000 MHz LS0H-3



HSEKP4233K



HSEKP8233K

SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D to Class F (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
Conductor:	Cat.7 acc. to IEC 61156-5, EN 50288-4-1
Conductor material:	Simplex: 4 individual shielded twisted pairs / Duplex: 2x4
Insulation material:	Solid bare copper, AWG23/1 (0.57mm)
Nominal diameter over insulation:	Foamed Polyethylen
Pair-foil:	1.4mm
Overall braid:	AL-foil (PiMF)
Jacket:	Solid, tinned copper, coverage = 35%
	LS0H-3, FRNC acc. to
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-3-24, EN 60332-3-24
Outside diameter:	Simplex: 7.5mm, Duplex: 7.5mm x 15.2mm
Jacket color:	Blue, RAL5015
Temperature range during operation, storage:	-20°C to +60°C
Temperature range during installation:	0°C to +50°C
Min. bend radius during operation:	Simplex: 30mm, Duplex: 30mm (flat side)
Min. bend radius during installation:	Simplex: 60mm, Duplex: 60mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 600kJ/m, Duplex: 1200kJ/m
Total cable weight:	Simplex: 59kg/km, Duplex: 136kg/km
NVP (Nominal velocity of propagation):	0,80c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LS0H-3, blue		HSEKP4233K
S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LS0H-3, blue		HSEKP8233K



Installationcables S/FTP Cat.7 1000 MHz (System-Installationcable Class E_A)



HSEKP423HB



HSEKP823HB

SCHRACK-INFO

Installationcables for generic, structured network cabling systems. Support all applications requiring Class D to Class F (e.g. 10GBase-T, 1000Base-T, 100Base-TX, ATM) as well as VoIP, PoE.

Standards:	IEC 11801, EN 50173-1
	Cat.7 acc. IEC 61156-5, EN 50288-4-1
Conductor:	Simplex: 4 individual shielded, twisted pair / Duplex: 2x4
Conductor material:	Solid bare copper AWG23/1 (0.58mm)
Insulation material:	Foamed polyethylene
Nominal diameter over insulation:	1.45mm
Pair-Shield:	AL-foil (PiMF)
Overall Braid:	Solid, tinned copper, coverage = 40%
Jacket:	LSOH, FRNC according to:
	IEC 61034-1/2, EN 50268-1/2
	IEC 60754-1/2, EN 50267-1/2
	IEC 60332-1, EN 60332-1
Outside diameter:	Simplex: 7.2mm ± 0.3mm, Duplex: 7.2mm ± 0.3mm x 16.0mm ± 0.5mm
Jacket color:	Blue, RAL 5015
Temperature range during operation, storage:	-30°C bis +60°C
Temperature range during installation:	0°C bis +50°C
Min. bend radius during operation:	Simplex: 29mm, Duplex: 29mm (flat side)
Min. bend radius during installation:	Simplex: 58mm, Duplex: 58mm (flat side)
Max. pulling strength:	Simplex: 110N, Duplex: 220N
Burning load:	Simplex: 500kJ/m, Duplex: 1000kJ/m
Total cable weight:	Simplex: 53kg/km, Duplex: 111kg/km
NVP (Nominal velocity of propagation)	0.78c

DESCRIPTION	AVAILABLE	ORDER NO.
S/FTP Cable Cat.7, 4x2xAWG23/1, 1.000Mhz, LSOH, 40%, blue		HSEKP423HB
S/FTP Cable Cat.7, 2x(4x2xAWG23/1), 1.000Mhz, LSOH, 40%, blue		HSEKP823HB

Coaxcables DIGI-SAT



XC1609901

SCHRACK-INFO

Class A, SAT- and Digital use. 75Ω, 1.02mm / 4.60mm / 6.80mm, PVC, Screening effectiveness: 100dB. Triple shielding.

DESCRIPTION	AVAILABLE	ORDER NO.
DIGI-SAT 3030 Coaxable, 75 Ohm, PVC white, Spool 100m		XC1609901
DIGI-SAT 3030 Coaxable, 75 Ohm, PVC white, Drum 500m		XC1609903

Coax Accessories



HS4HFBIS



HS4HFBIB



HS4HFBFSQ



HS4HFSQ



XC1600700



XC1600701



XC1600702



XC1600710

DESCRIPTION	AVAILABLE	ORDER NO.
Coax Adapter F-female to IEC-male, 10 pcs.		HS4HFBIS
Coax Adapter F-female to IEC-female, 10 pieces		HS4HFBIB
Coax Adapter F-female to F-male Quick, 10 pieces		HS4HFBFSQ
Coax F-Connector male Quick, screwable for cable 7mm, 10 pcs.		HS4HFSQ
Coax F-Connector male, screwable, for cable 7mm		XC1600700
Coax F-Connector Push On, for cable 7mm		XC1600701
Coax Coupler F-female to F-female		XC1600702
Cable Stripper for coax cable 7/11 mm, changeable knife		XC1600710



Tools



HTOOL00002



HTOOL00003



HTOOL00004



HTOOL00005

SCHRACK-INFO

A flat side cutter is needed to cut the copper wires of the installation cable correctly when installing TOOLLESS LINE modules.

DESCRIPTION	AVAILABLE	ORDER NO.
Side cutter flat for wire up to 1.3mm diameter		HTOOL00002
Side cutter flat for wire up to 1.0mm diameter		HTOOL00003
Cable Stripper for Jacket of Installationcables		HTOOL00004
Cable Stripper for Jacket and Foil of Installationcables		HTOOL00005

IT Installation Boxes XXL for cable overlengths



HS4H DU01



HS4H DU01



HS4H DH01



HS4H DH01

DESCRIPTION	AVAILABLE	ORDER NO.
Brickwall box XXL for cable-overlengths		
S4H Brickwall box XXL for cable-overlengths in IT-outlet 149x67x67mm		HS4H DU01
Cavitywall box XXL for cable-overlengths		
S4H Cavitywall box XXL for cable-overlengths in IT-outlet 143x68x75mm		HS4H DH01

Installation Material



GI89035007



GI89035107



GI89215261



GI89375030

DESCRIPTION	AVAILABLE	ORDER NO.
Assembly mortar, quick-curing, fixing cement-5kg		GI89035007
Assembly mortar, quick-curing, fixing cement-15kg		GI89035107
Assembly foam 1 component-grey 750ml cartridge		GI89215261
Lubricant cable grommet-1kg		GI89375030

▀ Pliable Conduit Profileline + Slip



GTPPXM20

DESCRIPTION	AVAILABLE	ORDER NO.
Pliable conduit Profileline M20+slip, 750N-medium, ring 50m, grey		GTPPXM20
Pliable conduit Profileline M25+slip, 750N-medium, ring 50m, grey		GTPPXM25
Pliable conduit Profileline M32+slip, 750N-medium, ring 25m, grey		GTPPXM32
Pliable conduit Profileline M40+slip, 750N-medium, ring 25m, grey		GTPPXM40
Pliable conduit Profileline M50+slip, 750N-medium, ring 25m, grey		GTPPXM50

▀ Pliable Conduit Profileline Light



GTPTXL16

DESCRIPTION	AVAILABLE	ORDER NO.
Pliable conduit M16, 320N-light, ring 50m, lightgrey		GTPTXL16
Pliable conduit M20, 320N-light, ring 50m, lightgrey		GTPTXL20
Pliable conduit M25, 320N-light, ring 50m, lightgrey		GTPTXL25
Pliable conduit M32, 320N-light, ring 25m, lightgrey		GTPTXL32
Pliable conduit M40, 320N-light, ring 25m, lightgrey		GTPTXL40
Pliable conduit M50, 320N-light, ring 25m, lightgrey		GTPTXL50
Pliable conduit M63, 320N-light, ring 25m, lightgrey		GTPTXL63



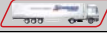
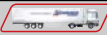
Pliable Conduit Profile Medium



GTPTXM16



GTPTXMM16-

DESCRIPTION	AVAILABLE	ORDER NO.
Pliable conduit M16, 750N-medium, ring 50m, grey		GTPTXM16
Pliable conduit M63, 750N-medium, ring 25m, grey		GTPTXM63
Medium 2shell pliable conduit M16, 750N, ring 50m, grey		GTPTXMM16
Medium 2shell pliable conduit M20, 750N, ring 50m, grey		GTPTXMM20
Medium 2shell pliable conduit M25, 750N, ring 50m, grey		GTPTXMM25
Medium 2shell pliable conduit M32, 750N, ring 25m, grey		GTPTXMM32
Medium 2shell pliable conduit M40, 750N, ring 25m, grey		GTPTXMM40
Medium 2shell pliable conduit M50, 750N, ring 25m, grey		GTPTXMM50
Medium 2shell pliable conduit M63, 750N, ring 25m, grey		GTPTXMM63

Rigid Conduit Light



GTRL16M3

DESCRIPTION	AVAILABLE	ORDER NO.
Rigid conduit M16, 320N-light, coupler, bundle 111m, 3m		GTRL16M3
Rigid conduit M20, 320N-light, coupler, bundle 111m, 3m		GTRL20M3
Rigid conduit M25, 320N-light, coupler, bundle 57m, 3m		GTRL25M3
Rigid conduit M32, 320N-light, coupler, bundle 57m, 3m		GTRL32M3
Rigid conduit M50, 320N-light, coupler, bundle 21m, 3m		GTRL40M3
Rigid conduit M40, 320N-light, coupler, bundle 21m, 3m		GTRL50M3

Interlinkable clip



GTZKSL16

DESCRIPTION	AVAILABLE	ORDER NO.
Interlinkable clip M16, carton 100pc, lightgrey		GTZKSL16
Interlinkable clip M20, carton 100pc, lightgrey		GTZKSL20
Interlinkable clip M25, carton 100pc, lightgrey		GTZKSL25
Interlinkable clip M32, carton 100pc, lightgrey		GTZKSL32
Interlinkable clip M40, carton 50pc, lightgrey		GTZKSL40
Interlinkable clip M50, carton 50pc, lightgrey		GTZKSL50

Clamp Coupler



GTZML20

DESCRIPTION	AVAILABLE	ORDER NO.
Clamp coupler M20, carton 100pc, lightgrey		GTZML20
Clamp coupler M25, carton 50pc, lightgrey		GTZML25
Clamp coupler M32, carton 25pc, lightgrey		GTZML32
Clamp coupler M40, carton 25pc, lightgrey		GTZML40
Clamp coupler M50, carton 15pc, lightgrey		GTZML50
Clamp coupler M63, carton 8pc, lightgrey		GTZML63

Slip Coupler



GTZTML16

DESCRIPTION	AVAILABLE	ORDER NO.
Slip coupler M16, carton 100pc, lightgrey		GTZTML16
Slip coupler M20, carton 100pc, lightgrey		GTZTML20
Slip coupler M25, carton 50pc, lightgrey		GTZTML25
Slip coupler M32, carton 25pc, lightgrey		GTZTML32
Slip coupler M40, carton 25pc, lightgrey		GTZTML40
Slip coupler M50, carton 15pc, lightgrey		GTZTML50
Slip coupler M63, carton 8pc, lightgrey		GTZTML63

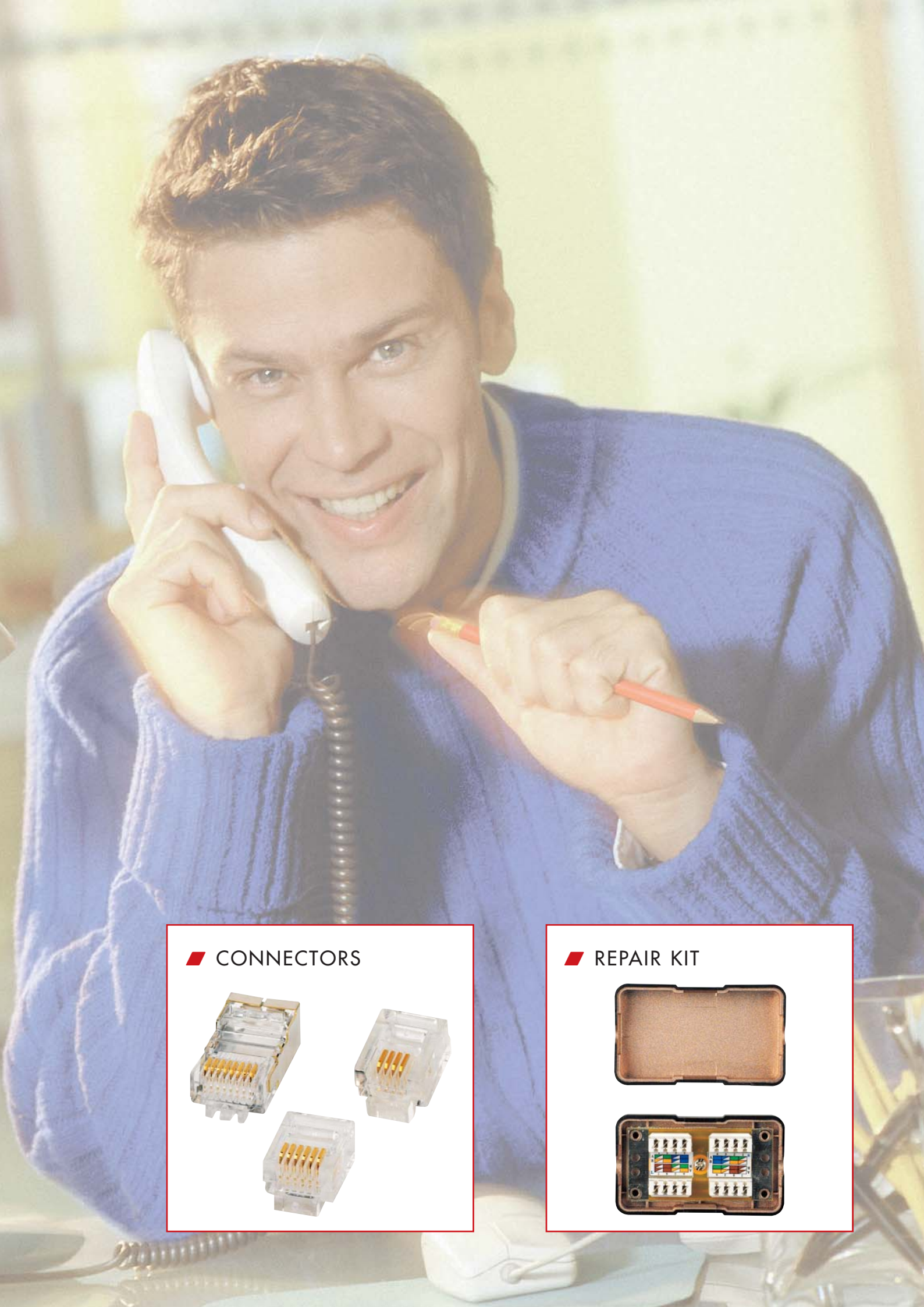




Copper accessories (tools, connectors, couplers,...)

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▀ CONNECTORS



▀ REPAIR KIT



Copper accessories (tools, connectors, couplers,...)

On the following pages SCHRACK TECHNIK presents extensive product accessories for individual assembly, such as RJ45 crimping connectors for patchcords and useful tools for this purpose as well as non-fraying cable cutters and LSA punchdown tools.

■ Crimping Tools for RJ-Connector



HMOCRZKOR8

■ SCHRACK-INFO

Plier for crimping of RJ45, RJ12 and RJ11 connectors.

DESCRIPTION	AVAILABLE	ORDER NO.
Crimping plier universal for RJ45/12/11 jacks		HMOCRZKOR8

■ Sidecutters



HTOOL00002



HTOOL00003

■ SCHRACK-INFO

A flat side cutter is needed to cut the copper wires of the installation cable correctly when installing TOOLLESS LINE modules.

DESCRIPTION	AVAILABLE	ORDER NO.
Side cutter flat for wire up to 1.3mm diameter		HTOOL00002
Side cutter flat for wire up to 1.0mm diameter		HTOOL00003

■ Cable Strippers



HTOOL00004



HTOOL00005

■ SCHRACK-INFO

For stripping of installation cables.

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Stripper for Jacket of Installation cables		HTOOL00004
Cable Stripper for Jacket and Foil of Installation cables		HTOOL00005
Cable Stripper for coax cable 7/11 mm, changeable knife		XC1600710

LSA Crimping Tools



HKRONLSA



HSETOOL01F



HSETOOL02F



HSETOOL03F

DESCRIPTION	AVAILABLE	ORDER NO.
LSA Crimping tool with sensor, grey		HKRONLSA
Crimping tool without sensor, LSA		HSETOOL01F
Spare Blade for HSETOOL01F, System 110		HSETOOL02F
Spare Blade for HSETOOL01F, System LSA		HSETOOL03F

RJ45 / RJ12 / RJ11 Connector for crimping to Flexcable



Q7151792



HJ45LCU800



HJ1266LC



HJ11L6P4LC



HJ45TULLGR

SCHRACK-INFO

- For making patchcords with different lengths on your own.
- Suitable for crimping on stranded cables (7 wires) AWG26
- Boots have to be used for bending protection of the cable.
- RJ45 connector (8/8) 8 Pin width, 8 Pins have contacts. To be used for computer and telephony connections. Shielded and unshielded version.
- RJ12 connector (6/6) 6 Pin width, 6 Pins have contacts. To be used for telephony connections. Unshielded.
- RJ11 connector (6/4) 6 Pin width, middle 4 Pins have contacts. To be used for telephony connections. Unshielded.

DESCRIPTION	AVAILABLE	ORDER NO.
RJ45 plug Cat5e shielded with grey boot, for flexible cable, 100 pcs.		Q7151792
RJ45 unshielded plug for crimping to flex (stranded) cable, Cat.5e		HJ45LCU800
RJ11 Plug for crimping, unshielded 6/6, Telephony		HJ1266LC
RJ11 Plug for crimping, unshielded 6/4, Telephony		HJ11L6P4LC
Boot for shielded and unshielded RJ45 plugs, grey		HJ45TULLGR
Boot for shielded and unshielded RJ45 plugs, blue		HJ45TULLSW
Boot for shielded and unshielded RJ45 plugs, blue		HJ45TULLBL
Boot for shielded and unshielded RJ45 plugs, yellow		HJ45TULLGE
Boot for shielded and unshielded RJ45 plugs, green		HJ45TULLGN
Boot for shielded and unshielded RJ45 plugs, red		HJ45TULLRT



RJ45 Plugs for Crimping to Solid Wire Installationscable



HSISR6SI2

SCHRACK-INFO

- RJ45 Cat.6 connector to be installed on site. Connector for crimping to installationcable (solid wire)
- Two parts only. Easy crimping without need of a special tool.
- To be used with cables AWG 24/1 - 22/1.
- Outer cable-sheet from 5,5 bis 8,5 mm
- Color-code: TIA/EIA 568 A and B
- Die-cast zinc housing for industrial use.

DESCRIPTION	AVAILABLE	ORDER NO.
RJ45 plug Cat.6 shielded, IP20, on-site installable, for solid wire		HSISR6SI2

Network Isolator RJ45 unshielded Cat.5e / 1 Gbit/s



HSEMRN5UWE

SCHRACK-INFO

The RJ45 jack of the network isolator is a module in Schrack Format A (SFA) and fulfills Cat.5e performance for 1 Gigabit Ethernet. The network isolator is used in copper-based network-links (Ethernet) to protect devices that are connected to the network from unwanted external voltage and thus avoid damage. Frequently used in hospitals.

DESCRIPTION	AVAILABLE	ORDER NO.
Network Isolator RJ45 unshielded Cat.5e / 1 Gbit/s (SFA) for galvanically Separation of Data lines and Cable shielding		HSEMRN5UWE

Flexcable, Flatcable by the meter



HKF02SFUGP



HMOFL4SCHW

SCHRACK-INFO

- For Cat.5 patchcords a SF/UTP cable is used. Available in different colors. Shielded RJ45 connectors are crimped to this cable.
- For telephony patchcords an unshielded flatwire-cable is used. Available in black color. Unshielded connectors (RJ45, RJ12, RJ11) are crimped to this cable.
- Patching of telephony lines in enclosures is mostly done by using RJ45 to RJ45 flatwire patchcord.
- Connecting from data-outlet to the phone is mostly done by a RJ45 to RJ11 flatwire patchcord.

DESCRIPTION	AVAILABLE	ORDER NO.
Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, grey		HKF02SFUGP
Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, LS0H, grey		HKF02SFUGH
Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, blue		HKF02SFUBP
Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, yellow		HKF02SFUYP
Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, red		HKF02SFURP
Flexcable SF/UTP 4x2xAWG26/7, Cat.5e, 200MHz, PVC, green		HKF02SFUUP
Flat cable, 4 wires, black for Telephony patchcords		HMOFL4SCHW

■ RJ45 Coupler



HSEMRKRGWS

■ SCHRACK-INFO

This RJ45-RJ45 coupler is a module in Schrack Format A (SFA) and fulfills Cat.6 performance.

DESCRIPTION	AVAILABLE	ORDER NO.
Coupler RJ45-RJ45 shielded, Cat.6 (SFA)		HSEMRKRGWS

■ Repair-Kit shielded Cat.6 for Installationcable



HCAT6REPKI

■ SCHRACK-INFO

- For joining or extending of Twisted-Pair installationcables.
- Performance up to Cat.6 (depends on cable).

DESCRIPTION	AVAILABLE	ORDER NO.
Repair-Kit for connecting of installation cables, Cat.6		HCAT6REPKI

■ Copper strip



HSEKB0020



HSEKB1800

■ SCHRACK-INFO

The copper strip fixes the braid of installationcables. Two versions are available. A package including 20 pieces and a roll including 1.800 pieces. The copper strip is cutted to 35 x 9mm.

DESCRIPTION	AVAILABLE	ORDER NO.
Copper strip for fixing of Braid shield, 35x9mm, 20 pcs		HSEKB0020
Copper strip for fixing of Braid shield, 35x9mm, 1.800 pcs		HSEKB1800

Back to Back Cabletie



HSEKBK25HR



HSEKBK25HS



Q7177133



Q7177135

SCHRACK-INFO

Back-to-back cable-ties for gentle fixing of cable-bundles. Reusable and flexible. Fixing occurs using a „back-to-back“ system. The cable ties are wound around the cables to be bundled and the rest of the cable tie is then closed on itself. Fixing is provided without additional clips or clamps. This ensures that no damage occurs to the cables.

DESCRIPTION	AVAILABLE	ORDER NO.
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Back-to-back Cable Ties 125x12mm, Black, PU=20 pcs.		Q7177133
Back-to-back Cable Ties 310x16mm, Black, PU=20 pcs.		Q7177135

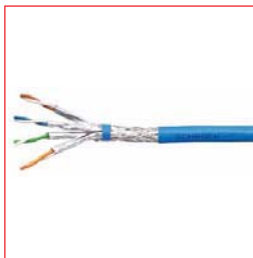
Cable Tie



HSERZKB025

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025

Services offered



HARBEIT011

DESCRIPTION	AVAILABLE	ORDER NO.
Cable cutting fee		HARBEIT011

 Rental Fee for Network Tester



IT-LEIH

DESCRIPTION	AVAILABLE	ORDER NO.
Rental Fee for Network Tester per day		IT-LEIH





Telephone cabling

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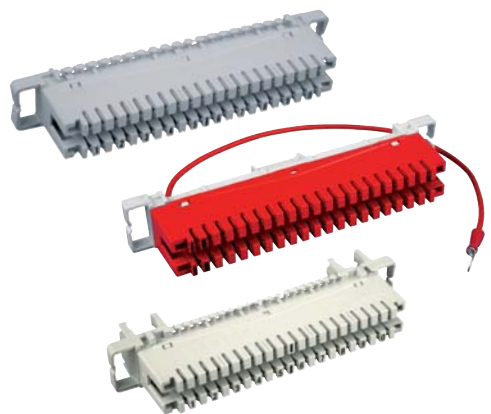
Data outlets	Page 156
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/// TELEPHONE WALL OUTLETS



/// LSA CONNECTION MODULES



Telephone cabling

As part of its telephone systems range, Schrack offers products in RJ45 as well as the conventional LSA format for back mount frames and round rod fittings. Our comprehensive range of telephone system products is finished off with a wide range of accessories, including overvoltage protectors, disconnection adapters and jumper wires, plastic and metal distribution boxes.

Telefony Dataoutlet 2 x RJ45 unshielded



HSEDU2UW5F



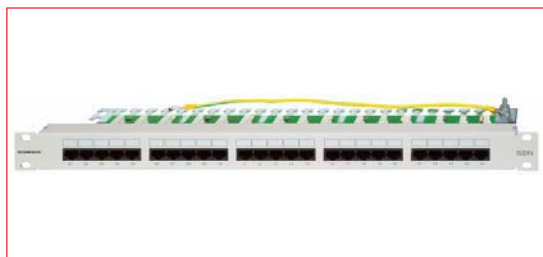
HSEAP842WF

SCHRACK-INFO

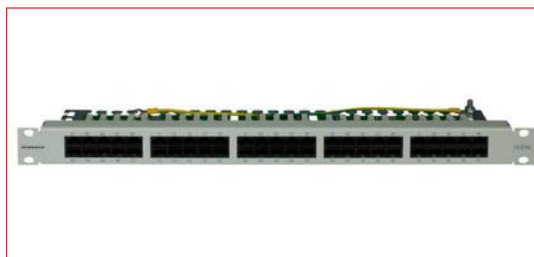
This data-outlet is loaded with RJ45 jacks and fulfills Class D performance. The outlet comes in color RAL9010 and is suitable for cable-duct installation (CI), for flush-mounting (FM), surface-mounting (SM) by means of a separate wallmount-box. It can be combined with switch-programs that offer a distance-frame for 50x50mm centralplates. The outlet comes with paper and window for labelling. Delivery also includes the centralplate (50 x 50mm) and the frame (80 x 80mm). Cable-entry is possible from left or right side. Color-coding labels are prepared for cable-connection according to TIA 568A and 568B.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Outlet 2xRJ45 unshielded Cat.5e, 80x80mm, angled, RAL9010		HSEDU2UW5F
Wallmount Box for HSED0xUWxS, HSEDx2UWxF, W=80 x H=40 x D=80mm, RAL9010		HSEAP842WF

Telefony Patchpanels RJ45 unshielded



HSERU25IGC



HSERU50IGC

SCHRACK-INFO

These telefony patchpanels 19" are loaded with RJ45 jacks. They come as 1U tray-type version in color RAL7035 (lightgrey) with 25 or 50 ports. Included in delivery are the installation materials (cable-ties, cage nuts with screws, potential equalisation cable) and a rigid cable-guide in the rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchpanel 25xRJ45 unshielded, ISDN, for diameter 0,5-0,6, 19", 1U, RAL7035		HSERU25IGC
Patchpanel 50xRJ45 unshielded, ISDN, for diameter 0,5-0,6, 19", 1U, RAL7035		HSERU50IGC

LSA Crimping Tools



HKRONELSA



HSETOOL01F



HSETOOL02F



HSETOOL03F

DESCRIPTION	AVAILABLE	ORDER NO.
LSA Crimping tool with sensor, grey		HKRONELSA
Crimping tool without sensor, LSA		HSETOOL01F
Spare Blade for HSETOOL01F, System 110		HSETOOL02F
Spare Blade for HSETOOL01F, System LSA		HSETOOL03F

Telefony Patchcords RJ45 - RJ45 unshielded



H5R5M401K0

SCHRACK-INFO

Unshielded patchcord RJ45 to RJ45 with black flatwire-cable, without boot, middle 4 wires connected, pin-assignment 1:1. Mostly used for patching of telephony lines in enclosures.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchcord RJ45/RJ45 unshielded Telephony ISDN black 1.0m		H5R5M401K0
Patchcord RJ45/RJ45 unshielded Telephony ISDN black 2.0m		H5R5M402K0
Patchcord RJ45/RJ45 unshielded Telephony ISDN black 3.0m		H5R5M403K0

Telefony Patchcords RJ45 - RJ11 unshielded



H5R1M403K0

SCHRACK-INFO

Unshielded patchcord RJ45 to RJ11 with black flatwire-cable, without boot, middle 4 wires connected, pin-assignment 1:1. Mostly used for patching of telephony lines from data-outlet to phone.

DESCRIPTION	AVAILABLE	ORDER NO.
Patchcord RJ45/RJ11 unshielded Telephony ISDN black 3.0m		H5R1M403K0
Patchcord RJ45/RJ11 unshielded Telephony ISDN black 6.0m		H5R1M406K0
Patchcord RJ45/RJ11 unshielded Telephony ISDN black 10.0m		H5R1M410K0



Installation cable for Telecommunication Systems F-vYAY



XC150102

SCHRACK-INFO

SPECIFICATIONS

according to ÖVE - K35 / 1997

CONSTRUCTION

Tin-plated, one-wire copper conductor with a 0,5 mm cross-section, PVC core insulation, cores cabled together as pairs and pairs in concentric layers, core wrapping of plastic film, copper drain wire with 0,5 mm cross-section, static screen of aluminium foil, outer jacket of PVC, grey.

APPLICATION

For use as installation cable in fixed indoor installations for telecommunications purposes.

TEMPERATURE RANGE

During installation - 5°C to + 50°C

Fixed installation - 30°C to + 70°C

	0,5 mm
Conductor loop resistance	max. 196,6 Ohm/km
Insulation resistance	min. 500 MOhm x km
Mutal capacitance	max. 100 nF/km
Capacitance unbalance 100m at 800Hz	K9 = 150 pF (100 %), 100 pF (80 %)
2 pair cables	K1 = 500 pF (100 %)

DESCRIPTION	AVAILABLE	ORDER NO.
2 x 2 x 0.5 paired		XC150102
3 x 2 x 0.5		XC150103
5 x 2 x 0.5		XC150104
6 x 2 x 0.5		XC150105
10 x 2 x 0.5		XC150106
15 x 2 x 0.5		XC150108
20 x 2 x 0.5		XC150109
40 x 2 x 0.5		XC150112
50 x 2 x 0.5		XC150113
60 x 2 x 0.5		XC150114
100 x 2 x 0.5		XC150115

Installation cable for Telecommunication Systems F-YAY



XC150202

SCHRACK-INFO

SPECIFICATIONS

according to ÖVE - K35 / 1997

CONSTRUCTION

Blank, one-wire copper conductor with 0,6/0,8 mm cross-section, PVC core insulation, cores cabled together as pairs and pairs in concentric layers, core wrapping of plastic film, copper drain wire with 0,5 mm cross-section, static screen of aluminium foil, outer jacket of PVC, grey.

APPLICATION

For use as installation cable in fixed indoor installations for telecommunications purposes.

TEMPERATURE RANGE

During Installation - 5°C to + 50°C

Fixed installation - 30°C to + 70°C

		0,6 mm	0,8 mm
Conductor loop resistance	max.	135,8 Ohm/km	73,2 Ohm/km
Insulation resistance	min.	500 MOhm x km	500 MOhm x km
Mutal capacitance	max.	100 nF/km	100 nF/km
Capacitance unbalance 100m at 800Hz	K9	200 pF (100 %)	150 pF (80 %)
2 pair cables	K1	500 pF (100 %)	

DESCRIPTION	AVAILABLE	ORDER NO.
2 x 2 x 0.6 paired		XC150202
3 x 2 x 0.6		XC150203
5 x 2 x 0.6		XC150204
6 x 2 x 0.6		XC150205
10 x 2 x 0.6		XC150206
15 x 2 x 0.6		XC150208
20 x 2 x 0.6		XC150209
25 x 2 x 0.6		XC150210
30 x 2 x 0.6		XC150211
40 x 2 x 0.6		XC150212
50 x 2 x 0.6		XC150213
60 x 2 x 0.6		XC150214
100 x 2 x 0.6		XC150215
2 x 2 x 0.8 paired		XC150302
3 x 2 x 0.8		XC150303
5 x 2 x 0.8		XC150304
6 x 2 x 0.8		XC150305
10 x 2 x 0.8		XC150306
20 x 2 x 0.8		XC150308
30 x 2 x 0.8		XC150309
40 x 2 x 0.8		XC150310
50 x 2 x 0.8		XC150311
100 x 2 x 0.8		XC150312



Order no. blue: usually ready for shipment on the next working day!



Order no. blue: on stock, usually ready for delivery on the day of order!

Installation cable for Telecommunication Systems J-Y(ST)Y



XC150401

SCHRACK-INFO

SPECIFICATIONS

according to ÖVE - K35 / 1997

CONSTRUCTION

Blank, one-wire copper conductor, PVC core insulation, cores cabled together as pairs and pairs in layers, core wrapping of plastic film, static screen of plastic-coated aluminium foil with drain wire, outer jacket of PVC, grey.

APPLICATION

For use as installation cable in fixed indoor installations for telecommunications purposes.

TEMPERATURE RANGE

During Installation - 5°C to + 50°C

Fixed installation - 30°C to + 70°C

		0,6 mm
Conductor loop resistance	max.	130 Ohm/km
Insulation resistance	min.	100 MOhm x km
Mutal capacitance	max.	100 nF/km
Capacitance unbalance 100m	max.	300 pF

DESCRIPTION	AVAILABLE	ORDER NO.
2 x 2 x 0.6		XC150401
3 x 2 x 0.6		XC150402
4 x 2 x 0.6		XC150403
5 x 2 x 0.6		XC150404
6 x 2 x 0.6		XC150405
10 x 2 x 0.6		XC150406
12 x 2 x 0.6		XC150407
20 x 2 x 0.6		XC150409
30 x 2 x 0.6		XC150410
40 x 2 x 0.6		XC150411
50 x 2 x 0.6		XC150412
60 x 2 x 0.6		XC150413
100 x 2 x 0.6		XC150414

Installation cable for Telecommunication Systems J-Y(ST)Y



XC150501

SCHRACK-INFO
SPECIFICATIONS
according to ÖVE - K35 / 1997

CONSTRUCTION
Blank, one-wire copper conductor, PVC core insulation, cores cabled together as pairs and pairs in layers, core wrapping of plastic film, static screen of plastic-coated aluminium foil with drain wire, outer jacket of PVC, grey.

APPLICATION
For use as installation cable in fixed indoor installations for telecommunications purposes.

TEMPERATURE RANGE
During Installation - 5°C to + 50°C
Fixed installation - 30°C to + 70°C

		0,8 mm
Conductor loop resistance	max.	73,2 Ohm/km
Insulation resistance	min.	100 MOhm x km
Mutal capacitance	max.	100 nF/km
Capacitance unbalance 100m	max.	300 pF

DESCRIPTION	AVAILABLE	ORDER NO.
1 x 2 x 0.8		XC150501
2 x 2 x 0.8		XC150502
3 x 2 x 0.8		XC150503
4 x 2 x 0.8		XC150504
5 x 2 x 0.8		XC150505
6 x 2 x 0.8		XC150506
10 x 2 x 0.8		XC150507
20 x 2 x 0.8		XC150510
30 x 2 x 0.8		XC150511
40 x 2 x 0.8		XC150512
50 x 2 x 0.8		XC150513
60 x 2 x 0.8		XC150514



Order no. blue: usually ready for shipment on the next working day!



Order no. blue: on stock, usually ready for delivery on the day of order!

LSA-Modules for Back Mount Frame

SCHRACK-INFO

- LSA connection modules are snapped firmly into place
- Use tool to remove from LSA mounting trough
- Fixed 25 mm pitch (distance between modules)
- LSA connection module remains firmly snapped in place in switched state
- Overvoltage protector can be plugged onto LSA connection modules without accessories
- Master cables are drawn into enclosed LSA mounting trough for EMC- protection
- Generally speaking, the operator is especially interested in ensuring that the incoming master cables are installed only once, thus completing work at the system end. This means that service work (jumperings, tests, etc.), which is usually carried out by third-party companies, will mostly take place on the network side
- We recommend you use the SCHRACK LSA back mount frame HSTMON to ensure a clear layout (fixed pitch) and for security/fault prevention reasons (LSA modules fitted securely).

GENERAL TECHNICAL VALUES	
Climatic conditions: either dry or wet without condensation	
Temperature range, storage	-40° to +90°C (+40° to + 194°F)
Temperature range, operating	-20° to +80°C (+4° to +176°F)
MECHANICAL VALUES	
LSA connection modules with LSA contacts for plastic-insulated copper conductors with solid or stranded copper cores (strands)	
as isolation displacement connection according to IEC 352-4, Part 4 and DIN 41 611 -6-C-EL-CL Conductor specification (conductor cross-sections)	
Solid wire, 1-wire connection	0,40 to 0,80*) mm, AWG 26 to 20
Solid wire for 2-wire circuits of identical diameter and type	0,40 to 0,65 mm, AWG 26 to 22
Tin-plated strand for single circuit	7x0,12 to 0,32 mm, AWG 28 to 20
Further connectable strand types upon request.	
Outside diameter (PVC and PE insulation)	unstranded 0,70 to 1,60 mm
Special connection	1,60 to 2,70 mm**)
Number of connectable identical wires per contact slot	max. 2
REPEATABILITY OF CONNECTIONS	
When connected to strand or solid conductors, 0,40...0,65 mm	200 x
When connected to solid conductors, 0,80 mm	50 x
MATERIALS	
Plastic parts	PBT
Flammability	accord. to UL 94 V-0
Contact spring	High-strength brass, silver-plated in contact area $\geq 5 \mu\text{m}$
*) After connecting = 0,65 mm, no longer suitable for smaller conductor diameters!	
**) Special type for data lines with thicker insulation shielding available	
ELECTRICAL VALUES (AFTER FOUR DAYS STORAGE AT CONSTANT CLIMATE AT +40° C/104° F AND 93% REL HUMIDITY)	
Insulation resistance	$\geq 5 \times 10^4 \text{ MOhm}$
AC voltage resistivity	2 kVeff
Impulse withstand current (1.2/50 μs wave)	3,6 kV
Permitted impulse current load on LSA contact	equivalent to current handling capability of connected wire
Permitted impulse current load on connection module	10 kA (where conductor cross-section $\geq 0,6 \text{ mm}$)
Permitted impulse current load on disconnection module	5 kA
Permitted impulse current load on connection module (8/20 μs wave)	5 kA
CONTACT RESISTANCE (WIRE CONNECTION)	
Typical	1 mOhm
Guaranteed	$\leq 2,5 \text{ mOhm}$
Total resistance including disconnection unit	$\leq 10 \text{ mOhm}$
TRANSMISSION VALUES	
The LSA connection modules are suitable for the following communications applications	
• Analogue and digital telephone services	
• Ethernet (10BaseT) with 10 Mbit/s	
• Token Ring with 4 or 16 Mbit/s	
• TPDDI with 100 Mbit/s	
• Other data- and communication services	
LSA connection modules allow for the use of either shielded or unshielded 2- and 4-pair cables.	

LSA Connection Modules for 2/10, 10 Pairs, Back Mount Frame



HSTMANSO

SCHRACK-INFO

For crimping 10 pairs (2-core) of multi-pair telephone cables. Pairs in opposition are firmly attached to each other (switched through) and cannot be separated. The pick-off points located between the connection contacts are suitable for measuring or testing work or for locking on overvoltage protection cartridges.

- For back mount frames /-troughs
- With large jumper lead loop ends
- Printed with numbers 1...0

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Connection module 10pairs for back mount frames		HSTMANSO

LSA Disconnection Modules for 2/10, 10 Pairs, Back Mount Frame



HSTMTRENO

SCHRACK-INFO

For crimping 10 pairs (2-core) of multi-pair telephone cables. A disconnection plug (not included, please order separately) can be used to separate the opposite pairs. The pick-off points located between the connection contacts are suitable for locking on overvoltage protection cartridges.

- For back mount frames /-troughs
- With large jumper lead loop ends
- Printed with numbers 1...0

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Disconnection module 10pairs for back mount frames		HSTMTRENO

LSA Earthing Modules for 2/38, Back Mount Frame



HSTMERDDO

SCHRACK-INFO

For crimping of earthing wires (all connection points are connected to each other) of multiple-pair telephone cables, incl. earthing and connection cable with cable lug.

- For back mount frames/-troughs
- All contacts are bridged with the earthing connection

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Earthing module 2/38 connection for back mount frame		HSTMERDDO

LSA Connection Adapter, Back Mount Frame



HSTMANADAO

SCHRACK-INFO

Disconnection module, 10 pairs screw terminal

- LSA disconnection module, 2/10 connected with 20 screw connections for wires up to 2,5 mm² on the jumpering side
- Includes accidental contact protection

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Adapter Disconnection module, 10p.screw terminal,BM		HSTMANADAO



Order no. blue: on stock, usually ready for delivery on the day of order!

Hinged Label Holder



HSTZSCHK

SCHRACK-INFO

Used to individually label modules, snaps directly onto module.

- Can be snapped onto LSA modules 2/10 to 10 pairs and overvoltage protection cartridges

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Hinged Label Holder 2/10, Snap-On to modules		HSTZSCHK

Module Label Holder, Back Mount Frame



HSTZSCHM

SCHRACK-INFO

Requires one module of the back mount frame. Used for (primary) labelling of an entire back mount frame block.

- For back mount frames /-troughs
- Unprinted

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Label Holder for back mount frame		HSTZSCHM

Back Mount Frame for LSA Modules 2/10



HSTMON303

SCHRACK-INFO

The back mount frames have 3 continuously-repeating hole patterns. For mounting of LSA connection modules 10 pairs. 25mm pitch (module-module distance). The LSA back mount frames are available with depths of 30 and 50 mm. All module capacities are available up to 78 modules (780 pairs). The separate modules are connected to one another with fins. These are easy to cut using a pair of side-cutting pliers- equals more practical use.

INFORMATION

Pitches of 22,5 and 27,5mm are also available upon request. A depth of 22 mm is also possible.

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Back Mount Frame for mounting 3 LSA-modules, D=30mm		HSTMON303
Telephony Back Mount Frame for mounting 5 LSA-modules, D=30mm		HSTMON305
Telephony Back Mount Frame for mounting 10LSA-modules, D=30mm		HSTMON310
Telephony Back Mount Frame for mounting 10LSA-modules, D=50mm		HSTMON510

Panel 19", 3U, Back Mount Frame



HSTM19ZOL

SCHRACK-INFO

Including back mount frame for 3 x 5 LSA modules 2/10

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Panel 19", 3U, for 3x5 LSA modules, Back Mount Frame		HSTM19ZOL

Wallmount Box I for 30 Pairs



HSTMBOX1V

SCHRACK-INFO

Comes with back mount frame (3x) and sash lock. Accommodates 3 x 10 pairs.

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Wallmount Box I for 3 modules, 30pairs, sash lock, Back Mount Frames		HSTMBOX1V
Telephony Wallmount Box I for 3 modules, 30pairs, lock+key, Back Mount Frames		HSTMBOX1L

Wallmount Box II for 50 Pairs



HSTMBOX2V

SCHRACK-INFO

Comes with back mount frame (5x) and sash lock. Accommodates 5 x 10 pairs.

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Wallmount Box II for 5 modules, 50pairs, sash lock, Back Mount Frames		HSTMBOX2V
Telephony Wallmount Box II for 5 modules, 50pairs, lock+key, Back Mount Frames		HSTMBOX2L

Wallmount Box III for 100 Pairs



HSTMBOX3V

SCHRACK-INFO

Comes with back mount frame (10x) and sash lock. Accommodates 10 x 10 pairs.

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Wallmount Box III for 10modules, 100pairs, sash lock, Back Mount Frames		HSTMBOX3V
Telephony Wallmount Box III for 10modules, 100pairs, lock+key, Back Mount Frames		HSTMBOX3L

Wallmount Box IV for 300 Pairs



HSTMBOX4V

SCHRACK-INFO

Comes with back mount frame (2 x 15x) and sash lock. Accommodates 30 x 10 pairs.

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Wallmount Box IV for 30modules, 300pairs, sash lock, Back Mount Frames		HSTMBOX4V
Telephony Wallmount Box IV for 30modules, 300pairs, lock+key, Back Mount Frames		HSTMBOX4L



Order no. blue: on stock, usually ready for delivery on the day of order!

Sheet Steel Metal Distribution Box, VKA2 / Back Mount Frame



HSTMVKA02

SCHRACK-INFO

- WxHxD 200x330x100 mm
- 100 pairs (1x10 LSA connection modules 2/10 for 10 pairs)
- RAL 9016 white
- Pluggable overvoltage protection possible up to 80 pairs
- Protection rating: IP42

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Metal Distribution Box VKA2, 100p., Back Mount Frame		HSTMVKA02

Sheet Steel Metal Distribution Box, VKA4 / Back Mount Frame



HSTMVKA04

SCHRACK-INFO

- WxHxD 330x330x100 mm
- 140 pairs (2x7 LSA connection modules 2/10 for 10 pairs)
- RAL 9016 white
- Pluggable overvoltage protection
- Protection rating: IP42

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Metal Distribution Box VKA4, 140p., Back Mount Frame		HSTMVKA04

Sheet Steel Metal Distribution Box, VKA8 / Back Mount Frame



HSTMVKA08

SCHRACK-INFO

- WxHxD 330x550x100 mm
- 280 pairs (2x14 LSA connection modules 2/10 for 10 pairs)
- RAL 9016 white
- Pluggable overvoltage protection
- Protection rating: IP42

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Metal Distribution Box VKA8, 280p., Back Mount Frame		HSTMVKA08

Sheet Steel Metal Distribution Box, VKA12 / Back Mount Frame



HSTMVKA12

SCHRACK-INFO

- WxHxD 550x550x100 mm
- 420 pairs (3x14 LSA connection modules 2/10 for 10 pairs)
- RAL 9016 white
- Pluggable overvoltage protection
- Protection rating: IP42

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Metal Distribution Box VKA12, 420p., Back Mount Fram		HSTMVKA12

Wallmounting Cabinets with LSA Back Mount Frame



HSTMWVL010

SCHRACK-INFO

- Enclosed sheet steel cabinet with swing handle for half cylinder lock and three-point security lock
- Cable entry from top and bottom via brush strip
- RAL 7035 light-grey
- Protection rating: IP40
- IP54 protection kit available upon request

Cabinet type	No. of rows	Outside diameter, WxHxD in mm	No. of modules	Capacity (pairs) at 25 mm pitch
HSTMWVL010	1	400x600x220	1x12	1x100
HSTMWVL020	2	600x600x220	2x12	2x100
HSTMWVL050	2	600x800x220	2x26	2x250
HSTMWVL070	2	600x1200x220	2x36	2x350
HSTMWVL105	3	800x1300x220	3x36	3x350
HSTMWVL135	3	800x1300x220	3x46	3x450

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Wallmount distribution cabinet 1x100pairs back mount		HSTMWVL010
Telephony Wallmount distribution cabinet 2x100pairs back mount		HSTMWVL020
Telephony Wallmount distribution cabinet 2x250pairs back mount		HSTMWVL050
Telephony Wallmount distribution cabinet 2x350pairs back mount		HSTMWVL070
Telephony Wallmount distribution cabinet 3x350pairs back mount		HSTMWVL105
Telephony Wallmount distribution cabinet 3x450pairs back mount		HSTMWVL135

IP54 Protection Kits



HSTMWVIP01

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony IP54 Protection Kit 01		HSTMWVIP01
Telephony IP54 Protection Kit 02		HSTMWVIP02
Telephony IP54 Protection Kit 03		HSTMWVIP03
Telephony IP54 Protection Kit 06		HSTMWVIP06

Freestanding Cabinets with LSA Back Mount Frame



HSTMSVL120



HSTMSVL180

SCHRACK-INFO

- Cabinet with removable side panels
- Modular
- With swing handle for half cylinder look and three-point security lock
- Cable entry from top via rubber clamp, bottom via division in floor plate
- RAL 7035 light-grey
- Protection IP54 (cable entry from bottom), otherwise protection IP40
- IP54 protection kit only required for cable entry from top

Cabinet type	No. of rows	Outside diameter, WxHxD in mm	No. of modules	Capacity (pairs) at 25 mm pitch
HSTMSVL120	2	600x2000x400	2x62	2x600
HSTMSVL180	3	800x2000x400	3x62	3x600
HSTMSVL240	4	1000x2000x400	4x62	4x600
HSTMSVL300	5	1200x2000x400	5x62	5x600

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Freestanding cabinet 2x600 pairs, Back Mount Frames		HSTMSVL120
Telephony Freestanding cabinet 3x600 pairs, Back Mount Frames		HSTMSVL180
Telephony Freestanding cabinet 4x600 pairs, Back Mount Frames		HSTMSVL240
Telephony Freestanding cabinet 5x600 pairs, Back Mount Frames		HSTMSVL300

Bases for Freestanding Cabinets



HSTSO1210

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Base for HSTMSVL120, 100mm		HSTSO1210
Telephony Base for HSTMSVL120, 200mm		HSTSO1220
Telephony Base for HSTMSVL180, 100mm		HSTSO1810
Telephony Base for HSTMSVL180, 200mm		HSTSO1820
Telephony Base for HSTMSVL240, 100mm		HSTSO2410
Telephony Base for HSTMSVL240, 200mm		HSTSO2420
Telephony Base for HSTMSVL300, 100mm		HSTSO3010
Telephony Base for HSTMSVL300, 200mm		HSTSO3020

LSA-Modules for Round Rod

SCHRACK-INFO

- LSA connection modules are snapped on
- Toolless removal from mounting trough round rod
- Pitch adjustable to 25 or 27,5 mm (module-module). Spacer accessory required
- LSA connection modules can be pivoted 90° in switched state with single-sided jumper wire entry
- Overvoltage protection can be plugged onto LSA connection modules, 2 x earth contact clips are required per module (available as accessory)
- Master cables are drawn into enclosed LSA mounting trough rod bar for EMC protection
- Can be used as an extension to existing systems and installations
- Quick access to master cables through pivotable LSA modules
- For installations which are frequently extended (rewiring, new jumperings, switchovers, etc.)
- More convenient fault-finding thanks to quick access to cables -thus saving your time
- For use as extension to existing systems and installations

GENERAL TECHNICAL VALUES	
Climatic conditions: either dry or wet without condensation	
Temperature range, storage	-40° to +90°C (+40° to + 194°F)
Temperature range, operating	-20° to +80°C (+4° to +176°F)
MECHANICAL VALUES	
LSA connection modules with LSA contacts for plastic-insulated copper conductors with solid or stranded copper cores (strands)	
as isolation displacement connection according to IEC 352-4, Part 4 and DIN 41 611-6-C-EL-CL Conductor specification (conductor cross-sections)	
Solid wire, 1-wire connection	0,40 to 0,80* mm, AWG 26 to 20
Solid wire for 2-wire circuits of identical diameter and type	0,40 to 0,65 mm, AWG 26 to 22
Tin-plated strand for single circuit	7x0,12 to 0,32 mm, AWG 28 to 20
Further connectable strand types upon request.	
Outside diameter (PVC and PE insulation)	unstranded 0,70 to 1,60 mm
Special connection	1,60 to 2,70 mm**)
Number of connectable identical wires per contact slot	max. 2
REPEATABILITY OF CONNECTIONS	
When connected to strand or solid conductors, 0,40...0,65 mm	200 x
When connected to solid conductors, 0,80 mm	50 x
MATERIALS	
Plastic parts	PBT
Flammability	accord. to UL 94 V-0
Contact spring	High-strength brass, silver-plated in contact area $\geq 5 \mu\text{m}$
*) After connecting = 0,65 mm, no longer suitable for smaller conductor diameters!	
**) Special type for data lines with thicker insulation shielding available	
ELECTRICAL VALUES (AFTER FOUR DAYS STORAGE AT CONSTANT CLIMATE AT +40° C/104° F AND 93% REL. HUMIDITY)	
Insulation resistance	$\geq 5 \times 10^4 \text{ MOhm}$
AC voltage resistivity	2 kVeff
Impulse withstand current (1,2/50 μs wave)	3,6 kV
Permitted impulse current load on LSA contact	equivalent to current handling capability of connected wire
Permitted impulse current load on connection module	10 kA (where conductor cross-section $\geq 0,6 \text{ mm}$)
Permitted impulse current load on disconnection module	5 kA
Permitted impulse current load on connection module (8/20 μs wave)	5 kA
CONTACT RESISTANCE (WIRE CONNECTION)	
Typical	1 mOhm
Guaranteed	$\leq 2,5 \text{ mOhm}$
Total resistance including disconnection unit	$\leq 10 \text{ mOhm}$
TRANSMISSION VALUES	
The LSA connection modules are suitable for the following communications applications	
• Analogue and digital telephone services • Ethernet (10BaseT) with 10 Mbit/s • Token Ring with 4 or 16 Mbit/s • TPDDI with 100 Mbit/s • Other data- and communication services	
LSA connection modules allow for the use of either shielded or unshielded 2- and 4-pair cables.	

LSA Connection Modules for 2/10, 10 Pairs, Round Rod



HSTRANSCO

SCHRACK-INFO

For crimping 10 pairs (2-core) of multi-pair telephone cables. Pairs in opposition are firmly attached to each other (switched through) and cannot be separated. The pick-off points located between the connection contacts are suitable for measuring or testing work or for locking on overvoltage protection cartridges.

- For mounting via round rods
- Printed with numbers 1...0

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Connection module 10pairs for round rod		HSTRANSCO

LSA Disconnection Modules for 2/10, 10 Pairs, Round Rod



HSTRTRENO

SCHRACK-INFO

For crimping 10 pairs (2-core) of multi-pair telephone cables. A disconnection adapter (not included, please order separately) can be used to separate the opposite pairs. The pick-off points located between the connection contacts are suitable for locking on overvoltage protection cartridges.

- For mounting via round rods
- Printed with numbers 1...0

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Disconnection module 10pairs for round rod		HSTRTRENO

LSA Earthing Modules for 2/38, Round Rod



HSTRERDDO

SCHRACK-INFO

For crimping ground wires (all connection points are connected to each other) of multiple-pair telephone cables, incl. earthing connection cable with cable lug.

- For mounting via round rod
- All contacts are bridged with the ground connection

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Earthing module 2/38 connections for round rod		HSTRERDDO

LSA Connection Adapter, Round Rod



HSTRANADA0

SCHRACK-INFO

Disconnection module, 10 pairs screw terminal

- LSA disconnection module, 2/10 connected with 20 screw connections for wires up to 2,5 mm² on the jumpering side
- Includes accidental contact protection

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Adapter Disconnection module, 10pairs, screw terminal, Round Rod		HSTRANADA0

Hinged Label Holder



HSTZSCHK

SCHRACK-INFO

Used to individually label modules, directly snaps onto module.

- Can be snapped onto LSA modules 2/10 to 10 pairs and overvoltage protection cartridges

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Hinged Label Holder 2/10, Snap-On to modules		HSTZSCHK

Module Label Holder, Round Rod



HSTRSCHM

SCHRACK-INFO

Used for (primary) labelling of entire round rod block.

- For mounting via round rods
- Unprinted

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Label Holder for labelling of entire round rod block		HSTRSCHM

Round Rod Holders



HSTRSTH58

SCHRACK-INFO

Used as holder for round rods. Each round rod pair is mounted using 2-4 round rod holders depending on the rod length.

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Round Rod holder, Depth = 46mm		HSTRSTH58
Telephony Round Rod holder, Depth = 86mm		HSTRSTH86

Round Rods, Stainless Steel



HSTRSM200

SCHRACK-INFO

- Used to mount LSA modules using round rods
- Solid construction

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Round Rod 200 pairs, solid construction		HSTRSM200
Telephony Round Rod 300 pairs, solid construction		HSTRSM300
Telephony Round Rod 400 pairs, solid construction		HSTRSM400
Telephony Round Rod 500 pairs, solid construction		HSTRSM500
Telephony Round Rod 600 pairs, solid construction		HSTRSM600

Panel 19", 3U, Round Rod



HSTR19ZOL

SCHRACK-INFO

- Light-grey similar RAL7035
- With 2 horizontal stainless steel round rods, 12 mm
- For accommodating up to 15 LSA connection modules 2/10 for 10 pairs
- For mounting via round rods
- Ground connection with M6 nut
- Wedge rail clamp for drain wire
- Cable strain relief at rear

DESCRIPTION	AVAILABLE	ORDER NO.
Telephonie 19", 3U, for 3x5 LSA modules, Round Rod		HSTR19ZOL

■ Spacer, Round Rod



HSTZDI25

■ SCHRACK-INFO

Clipped onto round rods to maintain a specified distance between LSA modules

- 2.5mm spacer for 25mm module pitch

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Spacer for round rod, 2.5mm		HSTZDI25

■ DIN-Rail Adapter



HSTRHSA

■ SCHRACK-INFO

For mounting LSA connection modules 10 pairs and 20 pairs for round rods on DIN rails. Two DIN-rail adapters required per module.

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony DIN-rail adapter for round rod modules 10/20-pairs		HSTRHSA

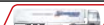
■ DIN-Rail Adapter, Metal, M5 Thread



HSTMHSA

■ SCHRACK-INFO

For mounting HSTMON back mount frames or 20 pairs LSA connection modules for screwing onto DIN rails. Connection for DIN-rail adapter required for overvoltage protection cartridges.

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony DIN-rail adapter for HSTMON...		HSTMHSA



Sheet Steel Metal Distribution Box, VKA2 / Round Rod



HSTRVKA02

SCHRACK-INFO

- WxHxD 200x330x100 mm
- 70 pairs (1x7 LSA connection modules 2/10 for 10 pairs round rod) or 100 pairs (1x5 LSA connection modules 1/20 for 20 pairs)
- RAL 9016 white
- Pluggable overvoltage protection
- Protection rating: IP42

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Metal Distribution Box VKA2, 100 pairs, Round Rod		HSTRVKA02

Sheet Steel Metal Distribution Box, VKA4 / Round Rod



HSTRVKA04

SCHRACK-INFO

- WxHxD 330x330x100 mm
- 120DA (1x12 LSA connection modules 2/10 for 10 pairs round rod) or 160 pairs (1x8 LSA connection modules 1/20 for 20 pairs)
- RAL 9016 white
- Pluggable overvoltage protection
- Protection rating: IP42

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Metal Distribution Box VKA4, 140 pairs, Round Rod		HSTRVKA04

Sheet Steel Metal Distribution Box, VKA8 / Round Rod



HSTRVKA08

SCHRACK-INFO

- WxHxD 330x550x100 mm
- 240DA (2x12 LSA connection modules 2/10 for 10 pairs round rod) or 320 pairs (2x8 LSA connection modules 1/20 for 20 pairs)
- RAL 9016 white
- Pluggable overvoltage protection
- Protection rating: IP42

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Metal Distribution Box VKA8, 280 pairs, Round Rod		HSTRVKA08

Sheet Steel Metal Distribution Box, VKA12 / Round Rod



HSTRVKA12

SCHRACK-INFO

- WxHxD 550x550x100 mm
- 400 pairs (2x20 LSA connection modules 2/10 for 10 pairs round rod) or 600 pairs (2x15 LSA connection modules 1/20 for 20 pairs)
- RAL 9016 white
- Pluggable overvoltage protection

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Metal Distribution Box VKA12, 420 pairs, Round Rod		HSTRVKA12

Accessories

Overvoltage Protection Magazines for LSA Modules 2/10, Series H



HSTUSPH0



HSTUSPH1

SCHRACK-INFO

- Magazine 2/10
- For electrode arresters, 8 x 6mm
- Leakage current 5 A/5 kA
- Also available for 90V upon request

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Overvoltage Protection Magazine, Model H, empty		HSTUSPH0
Telephony Overvoltage Protection Magazine, Model H, 20x230V		HSTUSPH1

Overvoltage Protection Magazines for LSA Modules 2/10, Series F



HSTUSPF0

SCHRACK-INFO

- Cartridge 2/10
- For electrode arresters, 8 x 20mm
- Leakage current 5 A/5 kA
- Also available for 90V upon request

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Overvoltage Protection Magazine, Model F, empty		HSTUSPF0
Telephony Overvoltage Protection Magazine, Model F, 10x230V		HSTUSPF1

Profile Earthing Magazine Contact Clips for Overvoltage Protection Pick-Off



HSTUSPPE

SCHRACK-INFO

- for overvoltage protector pickoff for round rod installation
- Two pieces needed per module

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Earth contact clips for overvoltage protection, Round Rod		HSTUSPPE



Cover for Overvoltage Protection Magazine, Transparent



HSTUSPMA

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Cover for overvoltage protect.magazine,transparent		HSTUSPMA

Overvoltage Arresters, Gas-filled, Leakage Current 5 A/5 kA, 8x6mm



HSTUSP8623

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Overvoltage Arrester gas-filled, 8x6mm, 230V		HSTUSP8623
Telephony Overvoltage Arrester gas-filled, 8x6mm, 90V		HSTUSP8609

Overvoltage Arresters, Gas-filled, Leakage Current 5 A/5 kA, 8x20mm



HSTUSP8223

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Overvoltage Arrester gas-filled, 8x20mm, 230V		HSTUSP8223
Telephony Overvoltage Arrester gas-filled, 8x20mm, 90V		HSTUSP8209

Earth Rail for 2/10



HSTUSPES

SCHRACK-INFO

Used as earth connection between overvoltage protection plug 1 pair and backmount frame / round rod (for round rod in connection with HSTUSPPE earth contact clips)

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Overvoltage Protection - Earthing rail, 2/10		HSTUSPES

Disconnection Adapters 1 Pair



HSTZTRENR



HSTZTRENW

SCHRACK-INFO

For disconnecting connections in LSA disconnection modules 2/10 for 10DA

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Disconnection adapter 1 pair, red		HSTZTRENR
Telephony Disconnection adapter 1 pair, white		HSTZTRENW

Disconnection Adapters 10 Pairs



HSTZTREN1

SCHRACK-INFO

For the complete disconnection of cable- and jumper side in LSA disconnection modules 2/10 for 10 pairs

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Disconnection adapter 2/10, 10 pairs		HSTZTREN1



LSA Bridge Connector



HSTZBR01



HSTZBR10

SCHRACK-INFO

- For building a bridge by plugging into middle contact in LSA connection- and disconnection modules 2/10 for 10 pairs
- Bridge connectors can be disconnected using a pair of side-cutting pliers

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Bridge connector 1 pair		HSTZBR01
Telephony Bridge connector 10 pair		HSTZBR10

Test Cords 2/2 2 Pole



HSTZPSB205

SCHRACK-INFO

- With 2x 4 mm jacks for banana connectors
- For parallel connection

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Test cord 2/2, 0.5m		HSTZPSB205

Test Cords 2/4 4 Pole



HSTZPSB405

SCHRACK-INFO

- With 4x 4 mm jacks
- Divides up conductor section

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Test cord 2/4, 0.5m		HSTZPSB405

YV Jumper Wires



HSTKYV25RB

SCHRACK-INFO

For connection in enclosures for voice- and data connections

ELECTRICAL DATA	
Conductor resistance, single-wire, max.	64 Ohm/km
Multiple-wire, max.	66 Ohm/km
Insulation resistance	min 200 MOhm/km
Test voltage (RMS value)	2500 V
Supply voltage (peak)	900 V
CONSTRUCTION	
Tinned copper conductor $\varnothing$ 0,5 mm	
PVC insulated sleeve	
Multiple-wire version with open stranding	
TYPE IDENTIFIER	
Tinned copper conductor	"V"
PVC insulated sleeve	"Y"
PACKAGING	
PU = 100m plastic roll	
No. of wires x $\varnothing$ conductor/ $\varnothing$ core 2x0,5/0,9 mm	

DESCRIPTION	AVAILABLE	ORDER NO.
Telephony Jumper Wire YV2x0,5/0,9 red-blue		HSTKYV25RB
Telephony Jumper Wire YV2x0,5/0,9 white-green		HSTKYV25WU
Telephony Jumper Wire YV2x0,5/0,9 white-yellow		HSTKYV25WY
Telephony Jumper Wire YV2x0,5/0,9 white-blue		HSTKYV25WB
Telephony Jumper Wire YV2x0,5/0,9 white-red		HSTKYV25WR
Telephony Jumper Wire YV2x0,5/0,9 white-black		HSTKYV25WS
Telephony Jumper Wire YV2x0,5/0,9 white-pink		HSTKYV25WO
Telephony Jumper Wire YV2x0,5/0,9 black-red		HSTKYV25SR







Analysers and testers

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Network tester	Page 184
Fluke DTX-1800 Cable Analyzer™	Page 185
Testers for hire	Page 185

▀ NETWORK TESTER



▀ DTX-1800





Analysers and testers

Check your network cabling using a simple Network tester, an instrument which should be readily available in every network engineer's toolbox. Certify your network cabling with the analyser and certification tester from the market leader. In many of our offices and stores such testers and analysers are also available for hire.

Network Tester



HSETEST01S

SCHRACK-INFO

This cable tester with digital display is easy to use and can be used for accurate testing of cable sections in structured cabling systems. The device tests the cabling for open pairs, shorted pairs, reversed pairs, miswirings and shield crimping. The testing device shows the configuration between the A end and the B end of the cable section (1:1, 2:2, up to 9:9, shielded, or 1:2, 2:1 when an error arises). In addition, the 5 small LED indicators retain the result after the test and display the state of the individual pairs.

DESCRIPTION	AVAILABLE	ORDER NO.
Cable tester RJ45 (UTP+STP) / RJ11 / Coax with bag		HSETEST01S

Fluke DTX CableAnalyzer™



HFLUKE0001

SCHRACK-INFO

The DTX CableAnalyzer™ series is the testing platform for today - and tomorrow. This revolutionary new platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with a Cat 6 Autotest time that's three times faster than other testing devices - and fibre testing that's five times faster. But that's not all by any means. The DTX also gives you a complete solution for 10 Gigabit copper and fibre cabling performance, Level IV Accuracy, unrivalled diagnostics features, 12-hour battery life, and nearly instantaneous set-up and documentation. In a nutshell: With the DTX 1800, you're ready for whatever the world throws at you - today and tomorrow. The DTX at a glance: Speed, performance, precision. The DTX Cable Analyzer offers you powerful parameters, speed and a future-proofed platform which will enable your teams to work more productively and efficiently. And the benefits? You can see them in your increased profit margins. Time is money – and there's no better tester out there than the DTX.

DESCRIPTION	AVAILABLE	ORDER NO.
Fluke Cable Analyzer DTX- 1800		HFLUKE0001

Rental Fee for Network Tester



IT-LEIH

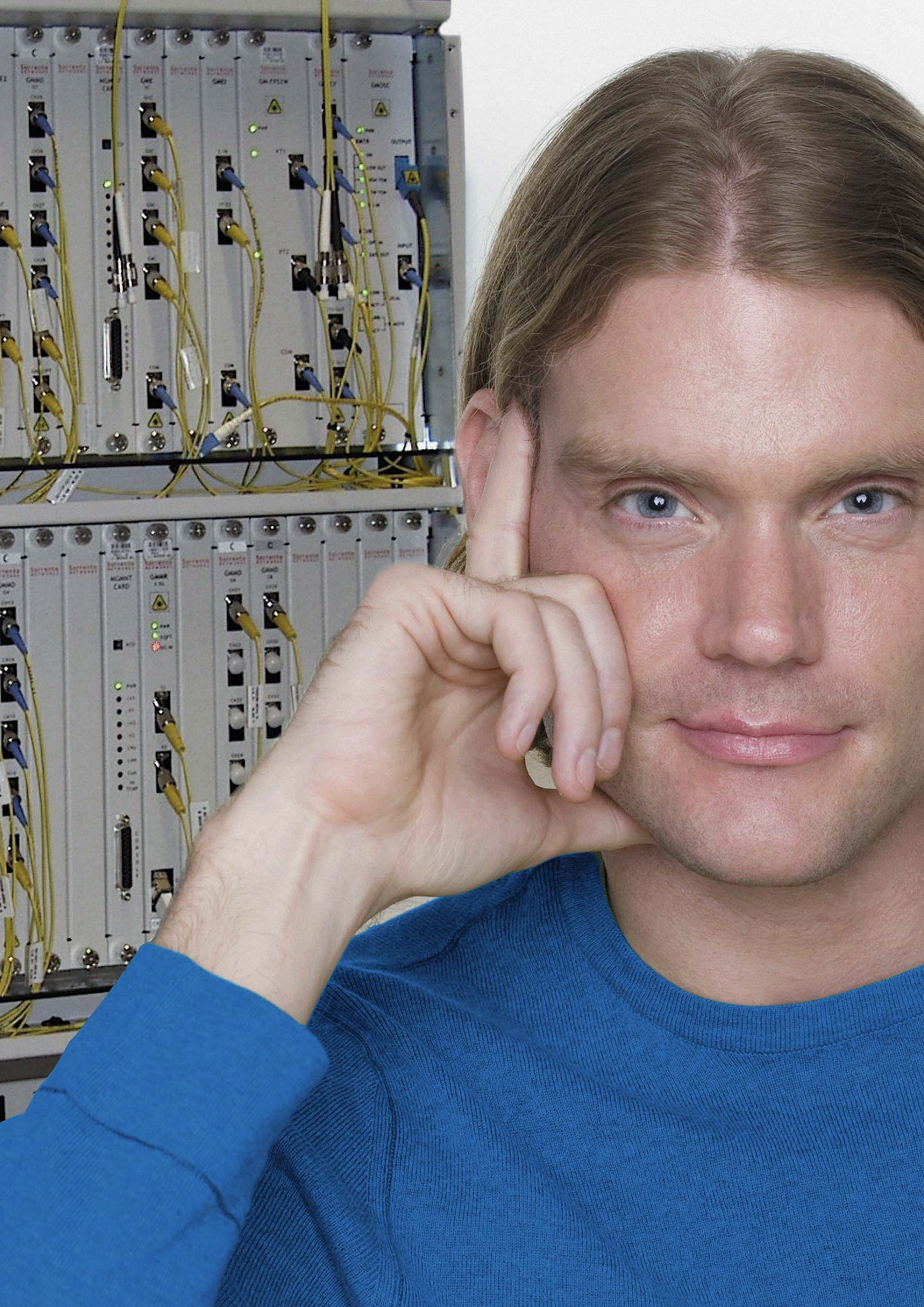
SCHRACK-INFO

In some of our Schrack STOREs, we offer our customers the possibility to rent a Cable Analyzer for Class D, Class E, Class E_A, Class F and Class F_A.

DESCRIPTION	AVAILABLE	ORDER NO.
Rental Fee for Network Tester per day		IT-LEIH



Order no. blue: on stock, usually ready for delivery on the day of order!

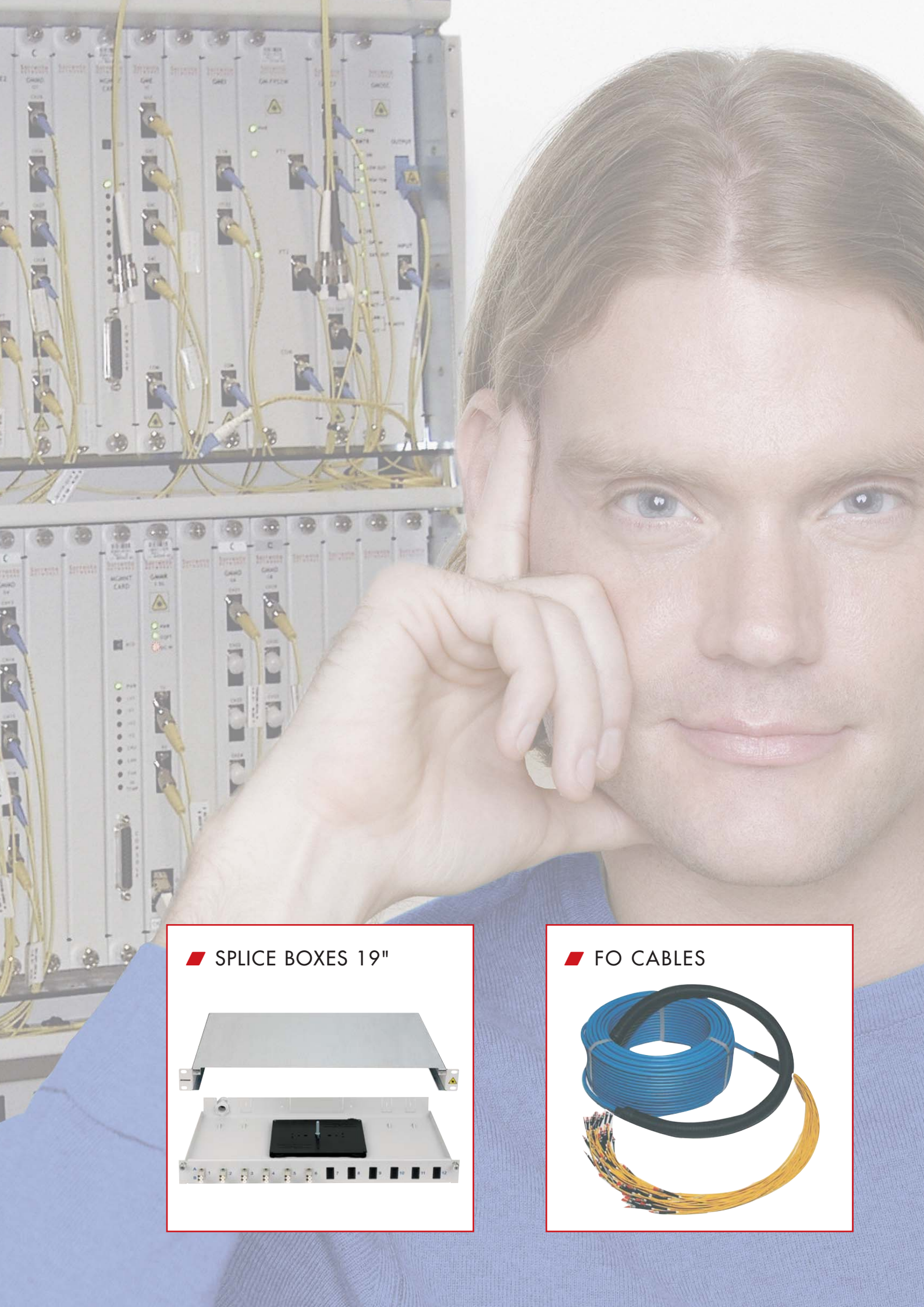




Fibre optic cabling

Index

Universal cable	Page 190
Splice boxes 19"	Page 192
Pre-assembled universal cables	Page 198
Patchpanel 19"	Page 202
Patchcord duplex	Page 204
Accessories (empty boxes, pigtails, couplings,...)	Page 211



■ SPLICE BOXES 19"



■ FO CABLES





Fibre optic cabling

High performance fibre optic technology for data centres or backbone installations in the standardised categories OM2, OM3, OM4, OM1 and OS2. Splicing technology or pre-assembled according to your specifications. Browse the next pages to find the products which suit your needs.

Universal Indoor/Outdoor Cable with non-metallic Rodent Protection



HSEAIBH245

SCHRACK-INFO

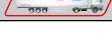
Universal cables for indoor/outdoor use, with non-metallic rodent protection and black, halogenfree sheath FRNC/LSOH-3. Loose Tube construction with glass-yarns as strength members and for rodent protection.

TECHNICAL DATA

- Description: A/I-DQ(ZN)BH (based on DIN VDE 0888)
- Multimode fibers: G62,5/125µm, G50/125µm
- Singlemode fiber: E9/125µm
- Categories: OM1, OM2, OM3, OM4, OS2
- Central tube, jelly filled (non-dripping and silicon-free) with up to 24 fibres.
- Strain relief and rodent protection: Glassyarns
- Outer jacket: Halogen-free, LSOH-3/FRNC
- Color: RAL9005 (black)
- Temperature range:
 - Transport and storage: - 25°C to + 70°C
 - Installation: - 5°C to + 50°C
 - Operation: - 30°C to + 70°C
- Flame retardancy: according to IEC 60332-3-24
- Halogen-free: according to IEC 60754-2
- Smoke density: according to IEC 61034
- Longitudinal watertight
- Bending radii cable:
 - Min. 15x outer diameter during installation
 - Min. 10x outer diameter during operation

FIBERCOUNT	OUTER DIAMETER	WEIGHT	MAX. TENSILE LOAD	CRUSH RESISTANCE	BURNING LOAD
n	ca. (mm)	ca. (kg/km)	continuous (N)	ca. (N/m)	(MJ/m)
1x4	8	65	2500	30000	1,011
1x8	8	65	2500	30000	1,011
1x12	8	65	2500	30000	1,011
1x16	8	65	2500	30000	1,011
1x24	8	65	2500	30000	1,011

■ Universal Indoor/Outdoor Cable with non-metallic Rodent Protection

DESCRIPTION	AVAILABLE	ORDER NO.
Category OM2 / Fiber 50µm		
FO Universalcable A/I-DQ(ZN)BH 4x50/125µm OM2, LS0H-3, nonmetallic rodent protection		HSEAIBH045
FO Universalcable A/I-DQ(ZN)BH 8x50/125µm OM2, LS0H-3, nonmetallic rodent protection		HSEAIBH085
FO Universalcable A/I-DQ(ZN)BH 12x50/125µm OM2, LS0H-3, nonmetallic rodent protection		HSEAIBH125
FO Universalcable A/I-DQ(ZN)BH 16x50/125µm OM2, LS0H-3, nonmetallic rodent protection		HSEAIBH165
FO Universalcable A/I-DQ(ZN)BH 24x50/125µm OM2, LS0H-3, nonmetallic rodent protection		HSEAIBH245
Category OM3 / Fiber 50µm		
FO Universalcable A/I-DQ(ZN)BH 4x50/125µm OM3, LS0H-3, nonmetallic rodent protection		HSEAIBH043
FO Universalcable A/I-DQ(ZN)BH 8x50/125µm OM3, LS0H-3, nonmetallic rodent protection		HSEAIBH083
FO Universalcable A/I-DQ(ZN)BH 12x50/125µm OM3, LS0H-3, nonmetallic rodent protection		HSEAIBH123
FO Universalcable A/I-DQ(ZN)BH 16x50/125µm OM3, LS0H-3, nonmetallic rodent protection		HSEAIBH163
FO Universalcable A/I-DQ(ZN)BH 24x50/125µm OM3, LS0H-3, nonmetallic rodent protection		HSEAIBH243
Category OM4 / Fiber 50µm		
FO Universalcable A/I-DQ(ZN)BH 4x50/125µm OM4, LS0H-3, nonmetallic rodent protection		HSEAIBH044
FO Universalcable A/I-DQ(ZN)BH 8x50/125µm OM4, LS0H-3, nonmetallic rodent protection		HSEAIBH084
FO Universalcable A/I-DQ(ZN)BH 12x50/125µm OM4, LS0H-3, nonmetallic rodent protection		HSEAIBH124
FO Universalcable A/I-DQ(ZN)BH 16x50/125µm OM4, LS0H-3, nonmetallic rodent protection		HSEAIBH164
FO Universalcable A/I-DQ(ZN)BH 24x50/125µm OM4, LS0H-3, nonmetallic rodent protection		HSEAIBH244
Category OM1 / Fiber 62,5µm		
FO Universalcable A/I-DQ(ZN)BH 4x62,5/125µm OM1, LS0H-3, nonmetallic rodent protection		HSEAIBH046
FO Universalcable A/I-DQ(ZN)BH 8x62,5/125µm OM1, LS0H-3, nonmetallic rodent protection		HSEAIBH086
FO Universalcable A/I-DQ(ZN)BH 12x62,5/125µm OM1, LS0H-3, nonmetallic rodent protection		HSEAIBH126
FO Universalcable A/I-DQ(ZN)BH 16x62,5/125µm OM1, LS0H-3, nonmetallic rodent protection		HSEAIBH166
FO Universalcable A/I-DQ(ZN)BH 24x62,5/125µm OM1, LS0H-3, nonmetallic rodent protection		HSEAIBH246
Category OS2 / Fiber 9µm		
FO Universalcable A/I-DQ(ZN)BH 4x 9/125µm OS2, LS0H-3, nonmetallic rodent protection		HSEAIBH049
FO Universalcable A/I-DQ(ZN)BH 8x 9/125µm OS2, LS0H-3, nonmetallic rodent protection		HSEAIBH089
FO Universalcable A/I-DQ(ZN)BH 12x 9/125µm OS2, LS0H-3, nonmetallic rodent protection		HSEAIBH129
FO Universalcable A/I-DQ(ZN)BH 16x 9/125µm OS2, LS0H-3, nonmetallic rodent protection		HSEAIBH169
FO Universalcable A/I-DQ(ZN)BH 24x 9/125µm OS2, LS0H-3, nonmetallic rodent protection		HSEAIBH249



Order no. blue: on stock, usually ready for delivery on the day of order!

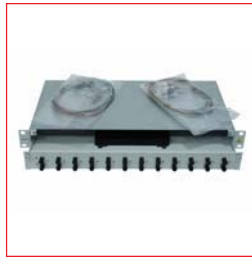
Category OM2 / Fibre 50µm - 1U, incl. Pigtails



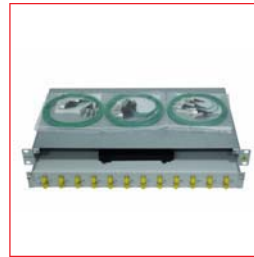
HSELS245LG



HSELS245CG



HSELS245TG



HSELS245FG

SCHRACK-INFO

These spliceboxes are delivered assembled with already installed couplers and enclosed pigtails (all connectors come with ceramic ferrule). The splice-boxes are depth-adjustable using the two 19" brackets. The splice box has one or two splice trays depending on the number of fibres with integral splice organisers for shrink-on splice protectors and is designed for up to 4 cable entries, equipped with one M20 cable entry by default. Blind covers are used to close off unused cable entry ports.

Four versions for up to 24 fibers in a sliding tray design are available :

- 12 x LC-Duplex couplers
- 12 x SC-Duplex couplers
- 24 x ST-couplers
- 24 x FC-couplers

Material: zinc-coated steel

Installation: 19", 1U

Dimensions W x H x D: 483mm x 44mm x 240mm

Color: RAL7035 (lightgrey)

DESCRIPTION	AVAILABLE	ORDER NO.
LC		
FO Splicebox, 4 Fibers, LC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS045LG
FO Splicebox, 8 Fibers, LC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS085LG
FO Splicebox, 12 Fibers, LC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS125LG
FO Splicebox, 16 Fibers, LC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS165LG
FO Splicebox, 24 Fibers, LC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS245LG
SC		
FO Splicebox, 4 Fibers, SC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS045CG
FO Splicebox, 8 Fibers, SC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS085CG
FO Splicebox, 12 Fibers, SC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS125CG
FO Splicebox, 16 Fibers, SC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS165CG
FO Splicebox, 24 Fibers, SC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS245CG
ST		
FO Splicebox, 4 Fibers, ST, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS045TG
FO Splicebox, 8 Fibers, ST, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS085TG
FO Splicebox, 12 Fibers, ST, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS125TG
FO Splicebox, 16 Fibers, ST, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS165TG
FO Splicebox, 24 Fibers, ST, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS245TG
FC		
FO Splicebox, 4 Fibers, FC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS045FG
FO Splicebox, 8 Fibers, FC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS085FG
FO Splicebox, 12 Fibers, FC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS125FG
FO Splicebox, 16 Fibers, FC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS165FG
FO Splicebox, 24 Fibers, FC, 50/125µm OM2, sliding, 19", 1U, RAL7035		HSELS245FG

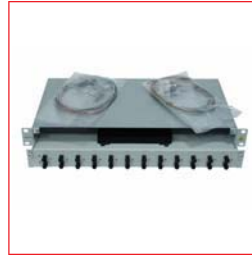
Category OM3 / Fibre 50µm - 1U, incl. Pigtails



HSELS243LG



HSELS243CG



HSELS243TG

SCHRACK-INFO

These spliceboxes are delivered assembled with already installed couplers and enclosed pigtails (all connectors come with ceramic ferrule). The spliceboxes are depth-adjustable using the two 19" brackets. The splice box has one or two splice trays depending on the number of fibres with integral splice organisers for shrink-on splice protectors and is designed for up to 4 cable entries, equipped with one M20 cable entry by default. Blind covers are used to close off unused cable entry ports.

Three versions for up to 24 fibers in a sliding tray design are available: :

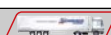
- 12 x LC-Duplex couplers
- 12 x SC-Duplex couplers
- 24 x ST-couplers

Material: zinc-coated steel

Installation: 19", 1U

Dimensions W x H x D: 483mm x 44mm x 240mm

Color: RAL7035 (lightgrey)

DESCRIPTION	AVAILABLE	ORDER NO.
LC		
FO Splicebox, 4 Fibers, LC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS043LG
FO Splicebox, 8 Fibers, LC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS083LG
FO Splicebox, 12 Fibers, LC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS123LG
FO Splicebox, 16 Fibers, LC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS163LG
FO Splicebox, 24 Fibers, LC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS243LG
SC		
FO Splicebox, 4 Fibers, SC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS043CG
FO Splicebox, 8 Fibers, SC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS083CG
FO Splicebox, 12 Fibers, SC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS123CG
FO Splicebox, 16 Fibers, SC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS163CG
FO Splicebox, 24 Fibers, SC, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS243CG
ST		
FO Splicebox, 4 Fibers, ST, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS043TG
FO Splicebox, 8 Fibers, ST, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS083TG
FO Splicebox, 12 Fibers, ST, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS123TG
FO Splicebox, 16 Fibers, ST, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS163TG
FO Splicebox, 24 Fibers, ST, 50/125µm OM3, sliding, 19", 1U, RAL7035		HSELS243TG



Order no. blue: on stock, usually ready for delivery on the day of order!

Splice boxes 19"

Category OM4 / Fibre 50µm, incl. Pigtails



HSELS244LG



HSELS244CG

SCHRACK-INFO

These spliceboxes are delivered assembled with already installed couplers and enclosed pigtails (all connectors come with ceramic ferrule). The spliceboxes are depth-adjustable using the two 19" brackets. The splice box has one or two splice trays depending on the number of fibres with integral splice organisers for shrink-on splice protectors and is designed for up to 4 cable entries, equipped with one M20 cable entry by default. Blind covers are used to close off unused cable entry ports.

Two versions for up to 24 fibers in a sliding tray design are available: :

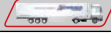
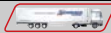
- 12 x LC-Duplex couplers
- 12 x SC-Duplex couplers

Material: zinc-coated steel

Installation: 19", 1U

Dimensions W x H x D: 483mm x 44mm x 240mm

Color: RAL7035 (lightgrey)

DESCRIPTION	AVAILABLE	ORDER NO.
LC		
FO Splicebox, 4 Fibers, LC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS044LG
FO Splicebox, 8 Fibers, LC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS084LG
FO Splicebox, 12 Fibers, LC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS124LG
FO Splicebox, 16 Fibers, LC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS164LG
FO Splicebox, 24 Fibers, LC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS244LG
SC		
FO Splicebox, 4 Fibers, SC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS044CG
FO Splicebox, 8 Fibers, SC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS084CG
FO Splicebox, 12 Fibers, SC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS124CG
FO Splicebox, 16 Fibers, SC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS164CG
FO Splicebox, 24 Fibers, SC, 50/125µm OM4, sliding, 19", 1U, RAL7035		HSELS244CG

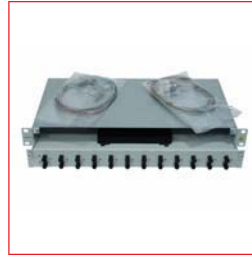
Category OM1 / Fibre 62,5µm, incl. Pigtails



HSELS246LG



HSELS246CG



HSELS246TG



HSELS246FG

SCHRACK-INFO

These spliceboxes are delivered assembled with already installed couplers and enclosed pigtails (all connectors come with ceramic ferrule). The spliceboxes are depth-adjustable using the two 19" brackets. The splice box has one or two splice trays depending on the number of fibres with integral splice organisers for shrink-on splice protectors and is designed for up to 4 cable entries, equipped with one M20 cable entry by default. Blind covers are used to close off unused cable entry ports.

Four versions for up to 24 fibers in a sliding tray design are available: :

- 12 x LC-Duplex couplers
- 12 x SC-Duplex couplers
- 24 x ST-couplers
- 24 x FC-couplers

Material: zinc-coated steel

Installation: 19", 1U

Dimensions W x H x D: 483mm x 44mm x 240mm

Color: RAL7035 (lightgrey)

DESCRIPTION	AVAILABLE	ORDER NO.
LC		
FO Splicebox, 4 Fibers, LC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS046LG
FO Splicebox, 8 Fibers, LC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS086LG
FO Splicebox, 12 Fibers, LC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS126LG
FO Splicebox, 16 Fibers, LC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS166LG
FO Splicebox, 24 Fibers, LC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS246LG
SC		
FO Splicebox, 4 Fibers, SC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS046CG
FO Splicebox, 8 Fibers, SC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS086CG
FO Splicebox, 12 Fibers, SC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS126CG
FO Splicebox, 16 Fibers, SC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS166CG
FO Splicebox, 24 Fibers, SC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS246CG
ST		
FO Splicebox, 4 Fibers, ST, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS046TG
FO Splicebox, 8 Fibers, ST, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS086TG
FO Splicebox, 12 Fibers, ST, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS126TG
FO Splicebox, 16 Fibers, ST, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS166TG
FO Splicebox, 24 Fibers, ST, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS246TG
FC		
FO Splicebox, 4 Fibers, FC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS046FG
FO Splicebox, 8 Fibers, FC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS086FG
FO Splicebox, 12 Fibers, FC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS126FG
FO Splicebox, 16 Fibers, FC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS166FG
FO Splicebox, 24 Fibers, FC, 62,5/125µm OM1, sliding, 19", 1U, RAL7035		HSELS246FG



Splice boxes 19"

Category OS2 / Fibre 9µm, incl. Pigtails



HSELS249LG



HSELS249CG



HSELS249FG

SCHRACK-INFO

These spliceboxes are delivered assembled with already installed couplers and enclosed pigtails (all connectors come with ceramic ferrule). The splice-boxes are depth-adjustable using the two 19" brackets. The splice box has one or two splice trays depending on the number of fibres with integral splice organisers for shrink-on splice protectors and is designed for up to 4 cable entries, equipped with one M20 cable entry by default. Blind covers are used to close off unused cable entry ports.

Three versions for up to 24 fibers in a sliding tray design are available: :

- 12 x LC-Duplex couplers
- 12 x SC-Duplex couplers
- 24 x FC-couplers

Material: zinc-coated steel

Installation: 19", 1U

Dimensions W x H x D: 483mm x 44mm x 240mm

Color: RAL7035 (lightgrey)

DESCRIPTION	AVAILABLE	ORDER NO.
LC		
FO Splicebox, 4 Fibers, LC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS049LG
FO Splicebox, 8 Fibers, LC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS089LG
FO Splicebox, 12 Fibers, LC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS129LG
FO Splicebox, 16 Fibers, LC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS169LG
FO Splicebox, 24 Fibers, LC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS249LG
SC		
FO Splicebox, 4 Fibers, SC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS049CG
FO Splicebox, 8 Fibers, SC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS089CG
FO Splicebox, 12 Fibers, SC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS129CG
FO Splicebox, 16 Fibers, SC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS169CG
FO Splicebox, 24 Fibers, SC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS249CG
FC		
FO Splicebox, 4 Fibers, FC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS049FG
FO Splicebox, 8 Fibers, FC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS089FG
FO Splicebox, 12 Fibers, FC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS129FG
FO Splicebox, 16 Fibers, FC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS169FG
FO Splicebox, 24 Fibers, FC, 9/125µm OS2, sliding, 19", 1U, RAL7035		HSELS249FG

Splicing



HARBEIT018



HARBEIT019

SCHRACK-INFO

In some offices we offer our customers the possibility to arrange a splice-technician for splicing on construction site. Fusion splices for fibreoptic cables in multimode- or singlemode applications, measurement with a launch fibre including protocol per wavelength. The measurement protocol is delivered in electronic form as a PDF file. Documentation (graphic showing splicing locations) available upon request. Travel expenses depend on location.

DESCRIPTION	AVAILABLE	ORDER NO.
FO Splice for Multimode (50/125 or 62,5/125µm) per Pigtail		HARBEIT018
OTDR Measuring incl. Protocol for Multimode		HARBEIT019
FO Splice for Singlemode (9/125µm) per Pigtail		HARBEIT020
OTDR Measuring incl. Protocol for Singlemode		HARBEIT021



Assembling of connectors to fibers, incl. Pull Protector



HLPULL245

SCHRACK-INFO

A pre-assembled Fiber Optics cable is calculated by use of two ordercodes:

HSEAKBH... xxx Meter:

- Fiber Optics universalcable for assembly in needed fiber-count and needed category of fiber

HLPSU..... 1 piece:

- Fiber Optics assembly for needed fiber-count and needed category of fiber including connectors on both sides and pull-protection on one side

This two ordercodes are used only for price-calculation. In case of an order, ordercode will be D6000

Example of calculation:

- 120m long universalcable for Assembly with 24 x 50/125µm OM4 fiber and SC-connectors on both sides

Ordercodes for price-caculation:

- 120 x HSEAKBH244 and 1 x HLPSUCC24M

Explanation of part numbering			
Universalcable for Assembly	Fibercount	Fibercategory	
HSEAKBH...			
	04	5 = OM2	
	08	3 = OM3	
	12	4 = OM4	
	24	9 = OS2	
Assembly including pull-protection for connectors and connectors on both sides	Connectors on both sides	Fibercount	Fibertype
HLPSU.....			
	LL = LC-LC	04	M = Multimode
	CC = SC-SC	08	S = Singlemode
	TT = ST-ST	12	
		24	

■ Assembling of connectors to fibers, incl. Pull Protector

DESCRIPTION	AVAILABLE	ORDER NO.
LC Multimode		
FO Assembly 4 LC Multimode Connector on both ends to Universalcable 4-fibers with pull-protection on one side		HLPSULL04M
FO Assembly 8 LC Multimode Connector on both ends to Universalcable 8-fibers with pull-protection on one side		HLPSULL08M
FO Assembly 12 LC Multimode Connector on both ends to Universalcable 12-fibers with pull-protection on one side		HLPSULL12M
FO Assembly 24 LC Multimode Connector on both ends to Universalcable 24-fibers with pull-protection on one side		HLPSULL24M
SC Multimode		
FO Assembly 4 SC Multimode Connector on both ends to Universalcable 4-fibers with pull-protection on one side		HLPSUCC04M
FO Assembly 8 SC Multimode Connector on both ends to Universalcable 8-fibers with pull-protection on one side		HLPSUCC08M
FO Assembly 12 SC Multimode Connector on both ends to Universalcable 12-fibers with pull-protection on one side		HLPSUCC12M
FO Assembly 24 SC Multimode Connector on both ends to Universalcable 24-fibers with pull-protection on one side		HLPSUCC24M
ST Multimode		
FO Assembly 4 ST Multimode Connector on both ends to Universalcable 4-fibers with pull-protection on one side		HLPSUTT04M
FO Assembly 8 ST Multimode Connector on both ends to Universalcable 8-fibers with pull-protection on one side		HLPSUTT08M
FO Assembly 12 ST Multimode Connector on both ends to Universalcable 12-fibers with pull-protection on one side		HLPSUTT12M
FO Assembly 24 ST Multimode Connector on both ends to Universalcable 24-fibers with pull-protection on one side		HLPSUTT24M
LC Singlemode		
FO Assembly 4 LC Singlemode Connector on both ends to Universalcable 4-fibers with pull-protection on one side		HLPSULL04S
FO Assembly 8 LC Singlemode Connector on both ends to Universalcable 8-fibers with pull-protection on one side		HLPSULL08S
FO Assembly 12 LC Singlemode Connector on both ends to Universalcable 12-fibers with pull-protection on one side		HLPSULL12S
FO Assembly 24 LC Singlemode Connector on both ends to Universalcable 24-fibers with pull-protection on one side		HLPSULL24S
SC Singlemode		
FO Assembly 4 SC Singlemode Connector on both ends to Universalcable 4-fibers with pull-protection on one side		HLPSUCC04S
FO Assembly 8 SC Singlemode Connector on both ends to Universalcable 8-fibers with pull-protection on one side		HLPSUCC08S
FO Assembly 12 SC Singlemode Connector on both ends to Universalcable 12-fibers with pull-protection on one side		HLPSUCC12S
FO Assembly 24 SC Singlemode Connector on both ends to Universalcable 24-fibers with pull-protection on one side		HLPSUCC24S
ST Singlemode		
FO Assembly 4 ST Singlemode Connector on both ends to Universalcable 4-fibers with pull-protection on one side		HLPSUTT04S
FO Assembly 8 ST Singlemode Connector on both ends to Universalcable 8-fibers with pull-protection on one side		HLPSUTT08S
FO Assembly 12 ST Singlemode Connector on both ends to Universalcable 12-fibers with pull-protection on one side		HLPSUTT12S
FO Assembly 24 ST Singlemode Connector on both ends to Universalcable 24-fibers with pull-protection on one side		HLPSUTT24S



Preassembled Universalcable with nonmetallic rodent-protection



HIPSULL245

SCHRACK-INFO

These universalcables for pre-assembly come with a non-metallic rodent protection, Assembly of the connectors is done by help of a break-out adapter, were the fibers are inserted and fixed. The appearance is like a bundle of simplex-patchcords.

TECHNICAL DATA

- Description: U-DQ(ZN)BH (based on DIN VDE 0888)
- Multimode fibers: G50/125µm
- Singlemode fiber: E9/125µm
- Categories: OM2, OM3, OM4, OS2
- Central tube, jelly filled (non-dripping and silicon-free) with up to 24 fibres.
- Strain relief and rodent protection: Glassyarns
- Outer jacket: Halogen-free, LS0H-3/FRNC
- Color: RAL5025 (blue)
- Temperature range:
 - Transport and storage: - 25°C to + 70°C
 - Installation: - 5°C to + 50°C
 - Operation: - 25°C to + 60°C
- Flame retardancy: according to IEC 60332-3-24
- Halogen-free: according to IEC 60754-2
- Smoke density: according to IEC 61034
- Longitudinal watertight
- Bending radii cable:
 - Min. 20x outer diameter during installation
 - Min. 15x outer diameter during operation

FIBERCOUNT	OUTER DIAMETER	WEIGHT	MAX. TENSILE LOAD	MAX. CRUSH RESISTANCE	BURNING LOAD
n	ca. (mm)	ca. (kg/km)	continuous (N)	ca. (N/m)	(MJ/m)
1x4	7	55	1750	15000	0,71
1x8	7	55	1750	15000	0,71
1x12	7	55	1750	15000	0,71
1x24	7,5	60	1750	15000	0,79

Preassembled Universalcable with nonmetallic rodent-protection

DESCRIPTION	AVAILABLE	ORDER NO.
Category OM2 / Fiber 50µm		
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 4G50µm OM2 for Assembly of Multimode Connectors		HSEAKBH045
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 8G50µm OM2 for Assembly of Multimode Connectors		HSEAKBH085
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 12G50µm OM2 for Assembly of Multimode Connectors		HSEAKBH125
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 24G50µm OM2 for Assembly of Multimode Connectors		HSEAKBH245
Category OM3 / Fiber 50µm		
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 4G50µm OM3 for Assembly of Multimode Connectors		HSEAKBH043
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 8G50µm OM3 for Assembly of Multimode Connectors		HSEAKBH083
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 12G50µm OM3 for Assembly of Multimode Connectors		HSEAKBH123
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 24G50µm OM3 for Assembly of Multimode Connectors		HSEAKBH243
Category OM4 / Fiber 50µm		
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 4G50µm OM4 for Assembly of Multimode Connectors		HSEAKBH044
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 8G50µm OM4 for Assembly of Multimode Connectors		HSEAKBH084
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 12G50µm OM4 for Assembly of Multimode Connectors		HSEAKBH124
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 24G50µm OM4 for Assembly of Multimode Connectors		HSEAKBH244
Category OS2 / Fiber 9µm		
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 4E 9µm OS2 for Assembly of Singlemode Connectors		HSEAKBH049
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 8E 9µm OS2 for Assembly of Singlemode Connectors		HSEAKBH089
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 12E 9µm OS2 for Assembly of Singlemode Connectors		HSEAKBH129
FO Universalcable with nonmetall.rodent protection U-DQ(ZN)BH 24E 9µm OS2 for Assembly of Singlemode Connectors		HSEAKBH249



Multimode, including coupler (without pigtail)



HSELS24MLG



HSELS24MCG



HSELS24MTG

SCHRACK-INFO

These enclosed patchpanels come supplied with pre-assembled LC-, SC- or ST- couplers. It comprises a pull-out tray, depth-adjustable 19" brackets, and a separate cable entry guide for several fibre optic cables. Color RAL7035 (lightgrey). Blind covers are used to close off unused cable entry ports. The panel can be extended to 24 ports at any time.

Application: Termination of preassembled Multimode cables.

Cable-entry:

- Four break-away style openings for M20 cable-gland
- One break-away style opening for optional available cable strain-relief (HSELSFTTDM)

Three versions for up to 24 fibers in a sliding tray design are available :

- 12 x LC-Duplex couplers
- 12 x SC-Duplex couplers
- 24 x ST-couplers

Material: zinc-coated steel

Installation: 19", 1U

Dimensions W x H x D: 483mm x 44mm x 240mm

Color: RAL7035 (lightgrey)

DESCRIPTION	AVAILABLE	ORDER NO.
LC		
FO Patchpanel for 4 Fibers, LC, Multimode, sliding, 19", 1U, RAL7035		HSELS04MLG
FO Patchpanel for 8 Fibers, LC, Multimode, sliding, 19", 1U, RAL7035		HSELS08MLG
FO Patchpanel for 12 Fibers, LC, Multimode, sliding, 19", 1U, RAL7035		HSELS12MLG
FO Patchpanel for 16 Fibers, LC, Multimode, sliding, 19", 1U, RAL7035		HSELS16MLG
FO Patchpanel for 24 Fibers, LC, Multimode, sliding, 19", 1U, RAL7035		HSELS24MLG
SC		
FO Patchpanel for 4 Fibers, SC, Multimode, sliding, 19", 1U, RAL7035		HSELS04MCG
FO Patchpanel for 8 Fibers, SC, Multimode, sliding, 19", 1U, RAL7035		HSELS08MCG
FO Patchpanel for 12 Fibers, SC, Multimode, sliding, 19", 1U, RAL7035		HSELS12MCG
FO Patchpanel for 16 Fibers, SC, Multimode, sliding, 19", 1U, RAL7035		HSELS16MCG
FO Patchpanel for 24 Fibers, SC, Multimode, sliding, 19", 1U, RAL7035		HSELS24MCG
ST		
FO Patchpanel for 4 Fibers, ST, Multimode, sliding, 19", 1U, RAL7035		HSELS04MTG
FO Patchpanel for 8 Fibers, ST, Multimode, sliding, 19", 1U, RAL7035		HSELS08MTG
FO Patchpanel for 12 Fibers, ST, Multimode, sliding, 19", 1U, RAL7035		HSELS12MTG
FO Patchpanel for 16 Fibers, ST, Multimode, sliding, 19", 1U, RAL7035		HSELS16MTG
FO Patchpanel for 24 Fibers, ST, Multimode, sliding, 19", 1U, RAL7035		HSELS24MTG

Singlemode, including coupler (without pigtail)



HSELS12SLG



HSELS24SCG

SCHRACK-INFO

These enclosed patchpanels come supplied with pre-assembled LC- or SC- couplers. It comprises a pull-out tray, depth-adjustable 19" brackets, and a separate cable entry guide for several fibre optic cables. Color RAL7035 (lightgrey). Blind covers are used to close off unused cable entry ports. The panel can be extended to 24 ports at any time.

Application: Termination of preassembled Singlemode cables.

Cable-entry:

- Four break-away style openings for M20 cable-gland
- One break-away style opening for optional available cable strain-relief (HSELSFTTDM)

Two versions for up to 24 fibers in a sliding tray design are available :

- 12 x LC-Duplex couplers
- 12 x SC-Duplex couplers

Material: zinc-coated steel

Installation: 19", 1U

Dimensions W x H x D: 483mm x 44mm x 240mm

Color: RAL7035 (lightgrey)

DESCRIPTION	AVAILABLE	ORDER NO.
LC		
FO Patchpanel for 4 Fibers, LC, Singlemode, sliding, 19", 1U, RAL7035		HSELS04SLG
FO Patchpanel for 8 Fibers, LC, Singlemode, sliding, 19", 1U, RAL7035		HSELS08SLG
FO Patchpanel for 12 Fibers, LC, Singlemode, sliding, 19", 1U, RAL7035		HSELS12SLG
FO Patchpanel for 16 Fibers, LC, Singlemode, sliding, 19", 1U, RAL7035		HSELS16SLG
FO Patchpanel for 24 Fibers, LC, Singlemode, sliding, 19", 1U, RAL7035		HSELS24SLG
SC		
FO Patchpanel for 4 Fibers, SC, Singlemode, sliding, 19", 1U, RAL7035		HSELS04SCG
FO Patchpanel for 8 Fibers, SC, Singlemode, sliding, 19", 1U, RAL7035		HSELS08SCG
FO Patchpanel for 12 Fibers, SC, Singlemode, sliding, 19", 1U, RAL7035		HSELS12SCG
FO Patchpanel for 16 Fibers, SC, Singlemode, sliding, 19", 1U, RAL7035		HSELS16SCG
FO Patchpanel for 24 Fibers, SC, Singlemode, sliding, 19", 1U, RAL7035		HSELS24SCG



Patchcord duplex

Category OM2 / Fibre 50µm



HLP25LL02



HLP25CC02F



HLP25TT02F



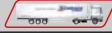
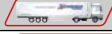
HLP25FF02F

SCHRACK-INFO

- Cable: Zipcord, LS0H
- Fiber: Multimode 50/125µm OM2
- Color: orange

DESCRIPTION	AVAILABLE	ORDER NO.
LC / LC		
FO Patchcord Duplex LC/LC, 50/125µm OM2, LS0H-3, orange, 1.0m		HLP25LL01F
FO Patchcord Duplex LC/LC, 50/125µm OM2, LS0H-3, orange, 2.0m		HLP25LL02F
FO Patchcord Duplex LC/LC, 50/125µm OM2, LS0H-3, orange, 3.0m		HLP25LL03F
FO Patchcord Duplex LC/LC, 50/125µm OM2, LS0H-3, orange, 5.0m		HLP25LL05F
FO Patchcord Duplex LC/LC, 50/125µm OM2, LS0H-3, orange, 10.0m		HLP25LL10F
FO Patchcord Duplex LC/LC, 50/125µm OM2, LS0H-3, orange, 20.0m		HLP25LL20F
LC / SC		
FO Patchcord Duplex LC/SC, 50/125µm OM2, LS0H-3, orange, 1.0m		HLP25LC01F
FO Patchcord Duplex LC/SC, 50/125µm OM2, LS0H-3, orange, 2.0m		HLP25LC02F
FO Patchcord Duplex LC/SC, 50/125µm OM2, LS0H-3, orange, 3.0m		HLP25LC03F
FO Patchcord Duplex LC/SC, 50/125µm OM2, LS0H-3, orange, 5.0m		HLP25LC05F
FO Patchcord Duplex LC/SC, 50/125µm OM2, LS0H-3, orange, 10.0m		HLP25LC10F
FO Patchcord Duplex LC/SC, 50/125µm OM2, LS0H-3, orange, 20.0m		HLP25LC20F
LC / ST		
FO Patchcord Duplex LC / ST, 50/125µm OM2, LS0H-3, orange, 1m		HLP25LT01F
FO Patchcord Duplex LC / ST, 50/125µm OM2, LS0H-3, orange, 2m		HLP25LT02F
FO Patchcord Duplex LC / ST, 50/125µm OM2, LS0H-3, orange, 3m		HLP25LT03F
FO Patchcord Duplex LC / ST, 50/125µm OM2, LS0H-3, orange, 5m		HLP25LT05F
FO Patchcord Duplex LC / ST, 50/125µm OM2, LS0H-3, orange, 10m		HLP25LT10F
LC / FC		
FO Patchcord Duplex LC/FC, 50/125µm OM2, LS0H-3, orange, 2.0m		HLP25LF02F
FO Patchcord Duplex LC/FC, 50/125µm OM2, LS0H-3, orange, 3.0m		HLP25LF03F
FO Patchcord Duplex LC/FC, 50/125µm OM2, LS0H-3, orange, 5.0m		HLP25LF05F
FO Patchcord Duplex LC/FC, 50/125µm OM2, LS0H-3, orange, 10.0m		HLP25LF10F
SC / SC		
FO Patchcord Duplex SC/SC, 50/125µm OM2, LS0H-3, orange, 1.0m		HLP25CC01F
FO Patchcord Duplex SC/SC, 50/125µm OM2, LS0H-3, orange, 2.0m		HLP25CC02F
FO Patchcord Duplex SC/SC, 50/125µm OM2, LS0H-3, orange, 3.0m		HLP25CC03F
FO Patchcord Duplex SC/SC, 50/125µm OM2, LS0H-3, orange, 5.0m		HLP25CC05F
FO Patchcord Duplex SC/SC, 50/125µm OM2, LS0H-3, orange, 10.0m		HLP25CC10F
FO Patchcord Duplex SC/SC, 50/125µm OM2, LS0H-3, orange, 20.0m		HLP25CC20F
SC / FC		
FO Patchcord Duplex SC/FC, 50/125µm OM2, LS0H-3, orange, 1.0m		HLP25CF01F
FO Patchcord Duplex SC/FC, 50/125µm OM2, LS0H-3, orange, 2.0m		HLP25CF02F
FO Patchcord Duplex SC/FC, 50/125µm OM2, LS0H-3, orange, 3.0m		HLP25CF03F

 Category OM2 / Fibre 50µm

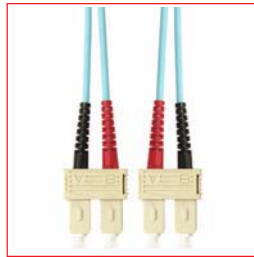
DESCRIPTION	AVAILABLE	ORDER NO.
SC / FC		
FO Patchcord Duplex SC/FC, 50/125µm OM2, LS0H-3, orange, 5.0m		HLP25CF05F
FO Patchcord Duplex SC/FC, 50/125µm OM2, LS0H-3, orange, 10.0m		HLP25CF10F
ST / ST		
FO Patchcord Duplex ST/ST, 50/125µm OM2, LS0H-3, orange, 1.0m		HLP25TT01F
FO Patchcord Duplex ST/ST, 50/125µm OM2, LS0H-3, orange, 2.0m		HLP25TT02F
FO Patchcord Duplex ST/ST, 50/125µm OM2, LS0H-3, orange, 3.0m		HLP25TT03F
FO Patchcord Duplex ST/ST, 50/125µm OM2, LS0H-3, orange, 5.0m		HLP25TT05F
FO Patchcord Duplex ST/ST, 50/125µm OM2, LS0H-3, orange, 10.0m		HLP25TT10F
ST / SC		
FO Patchcord Duplex ST/SC, 50/125µm OM2, LS0H-3, orange, 1.0m		HLP25TC01F
FO Patchcord Duplex ST/SC, 50/125µm OM2, LS0H-3, orange, 2.0m		HLP25TC02F
FO Patchcord Duplex ST/SC, 50/125µm OM2, LS0H-3, orange, 3.0m		HLP25TC03F
FO Patchcord Duplex ST/SC, 50/125µm OM2, LS0H-3, orange, 5.0m		HLP25TC05F
FO Patchcord Duplex ST/SC, 50/125µm OM2, LS0H-3, orange, 10.0m		HLP25TC10F
ST / FC		
FO Patchcord Duplex ST/FC, 50/125µm OM2, LS0H-3, orange, 1.0m		HLP25TF01F
FO Patchcord Duplex ST/FC, 50/125µm OM2, LS0H-3, orange, 2.0m		HLP25TF02F
FO Patchcord Duplex ST/FC, 50/125µm OM2, LS0H-3, orange, 3.0m		HLP25TF03F
FO Patchcord Duplex ST/FC, 50/125µm OM2, LS0H-3, orange, 5.0m		HLP25TF05F
FO Patchcord Duplex ST/FC, 50/125µm OM2, LS0H-3, orange, 10.0m		HLP25TF10F
FC / FC		
FO Patchcord Duplex FC/FC, 50/125µm OM2, LS0H-3, orange, 2.0m		HLP25FF02F
FO Patchcord Duplex FC/FC, 50/125µm OM2, LS0H-3, orange, 3.0m		HLP25FF03F
FO Patchcord Duplex FC/FC, 50/125µm OM2, LS0H-3, orange, 5.0m		HLP25FF05F
FO Patchcord Duplex FC/FC, 50/125µm OM2, LS0H-3, orange, 10.0m		HLP25FF10F



Category OM3 / Fibre 50µm



HLP23LL02F



HLP23CC02F



HLP23TT02F

SCHRACK-INFO

- Cable: Zipcord, LS0H
- Fiber: Multimode 50/125µm OM3
- Color: aqua

DESCRIPTION	AVAILABLE	ORDER NO.
LC / LC		
FO Patchcord Duplex LC/LC, 50/125µm OM3, LS0H-3, aqua, 1.0m		HLP23LL01F
FO Patchcord Duplex LC/LC, 50/125µm OM3, LS0H-3, aqua, 2.0m		HLP23LL02F
FO Patchcord Duplex LC/LC, 50/125µm OM3, LS0H-3, aqua, 3.0m		HLP23LL03F
FO Patchcord Duplex LC/LC, 50/125µm OM3, LS0H-3, aqua, 5.0m		HLP23LL05F
FO Patchcord Duplex LC/LC, 50/125µm OM3, LS0H-3, aqua, 10.0m		HLP23LL10F
LC / SC		
FO Patchcord Duplex LC/SC, 50/125µm OM3, LS0H-3, aqua, 1.0m		HLP23LC01F
FO Patchcord Duplex LC/SC, 50/125µm OM3, LS0H-3, aqua, 2.0m		HLP23LC02F
FO Patchcord Duplex LC/SC, 50/125µm OM3, LS0H-3, aqua, 3.0m		HLP23LC03F
FO Patchcord Duplex LC/SC, 50/125µm OM3, LS0H-3, aqua, 5.0m		HLP23LC05F
FO Patchcord Duplex LC/SC, 50/125µm OM3, LS0H-3, aqua, 10.0m		HLP23LC10F
LC / ST		
FO Patchcord Duplex LC/ST, 50/125µm OM3, LS0H-3, aqua, 2.0m		HLP23LT02F
FO Patchcord Duplex LC/ST, 50/125µm OM3, LS0H-3, aqua, 5.0m		HLP23LT05F
FO Patchcord Duplex LC/ST, 50/125µm OM3, LS0H-3, aqua, 10.0m		HLP23LT10F
SC / SC		
FO Patchcord Duplex SC/SC, 50/125µm OM3, LS0H-3, aqua, 1.0m		HLP23CC01F
FO Patchcord Duplex SC/SC, 50/125µm OM3, LS0H-3, aqua, 2.0m		HLP23CC02F
FO Patchcord Duplex SC/SC, 50/125µm OM3, LS0H-3, aqua, 3.0m		HLP23CC03F
FO Patchcord Duplex SC/SC, 50/125µm OM3, LS0H-3, aqua, 5.0m		HLP23CC05F
FO Patchcord Duplex SC/SC, 50/125µm OM3, LS0H-3, aqua, 10.0m		HLP23CC10F
ST / ST		
FO Patchcord Duplex ST/ST, 50/125µm OM3, LS0H-3, aqua, 2.0m		HLP23TT02F
FO Patchcord Duplex ST/ST, 50/125µm OM3, LS0H-3, aqua, 5.0m		HLP23TT05F
FO Patchcord Duplex ST/ST, 50/125µm OM3, LS0H-3, aqua, 10.0m		HLP23TT10F
ST / SC		
FO Patchcord Duplex ST/SC, 50/125µm OM3, LS0H-3, aqua, 2.0m		HLP23TC02F
FO Patchcord Duplex ST/SC, 50/125µm OM3, LS0H-3, aqua, 5.0m		HLP23TC05F
FO Patchcord Duplex ST/SC, 50/125µm OM3, LS0H-3, aqua, 10.0m		HLP23TC10F

Category OM4 / Fibre 50µm



HLP24LL02F



HLP24CC02F

SCHRACK-INFO

- Cable: Zipcord, LS0H
- Fiber: Multimode 50/125µm OM4
- Color: violet

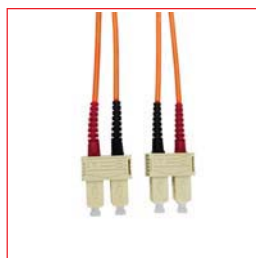
DESCRIPTION	AVAILABLE	ORDER NO.
LC / LC		
FO Patchcord Duplex LC/LC, 50/125µm OM4, LS0H-3, violet, 1.0m		HLP24LL01F
FO Patchcord Duplex LC/LC, 50/125µm OM4, LS0H-3, violet, 2.0m		HLP24LL02F
FO Patchcord Duplex LC/LC, 50/125µm OM4, LS0H-3, violet, 3.0m		HLP24LL03F
FO Patchcord Duplex LC/LC, 50/125µm OM4, LS0H-3, violet, 5.0m		HLP24LL05F
FO Patchcord Duplex LC/LC, 50/125µm OM4, LS0H-3, violet, 10.0m		HLP24LL10F
LC / SC		
FO Patchcord Duplex LC/SC, 50/125µm OM4, LS0H-3, violet, 1.0m		HLP24LC01F
FO Patchcord Duplex LC/SC, 50/125µm OM4, LS0H-3, violet, 2.0m		HLP24LC02F
FO Patchcord Duplex LC/SC, 50/125µm OM4, LS0H-3, violet, 3.0m		HLP24LC03F
FO Patchcord Duplex LC/SC, 50/125µm OM4, LS0H-3, violet, 5.0m		HLP24LC05F
FO Patchcord Duplex LC/SC, 50/125µm OM4, LS0H-3, violet, 10.0m		HLP24LC10F
SC / SC		
FO Patchcord Duplex SC/SC, 50/125µm OM4, LS0H-3, violet, 1.0m		HLP24CC01F
FO Patchcord Duplex SC/SC, 50/125µm OM4, LS0H-3, violet, 2.0m		HLP24CC02F
FO Patchcord Duplex SC/SC, 50/125µm OM4, LS0H-3, violet, 3.0m		HLP24CC03F
FO Patchcord Duplex SC/SC, 50/125µm OM4, LS0H-3, violet, 5.0m		HLP24CC05F
FO Patchcord Duplex SC/SC, 50/125µm OM4, LS0H-3, violet, 10.0m		HLP24CC10F



Category OM1 / Fibre 62,5µm



HLP26LL02F



HLP26CC02F



HLP26TT02F



HLP26FF02F

SCHRACK-INFO

- Cable: Zipcord, LS0H
- Fiber: Multimode 62,5/125µm OM1
- Color: orange

DESCRIPTION	AVAILABLE	ORDER NO.
LC / LC		
FO Patchcord Duplex LC/LC, 62,5/125µm OM1, LS0H, orange, 1m		HLP26LL01F
FO Patchcord Duplex LC/LC, 62,5/125µm OM1, LS0H, orange, 2m		HLP26LL02F
FO Patchcord Duplex LC/LC, 62,5/125µm OM1, LS0H, orange, 3m		HLP26LL03F
FO Patchcord Duplex LC/LC, 62,5/125µm OM1, LS0H, orange, 5m		HLP26LL05F
FO Patchcord Duplex LC/LC, 62,5/125µm OM1, LS0H, orange, 10m		HLP26LL10F
LC / SC		
FO Patchcord Duplex LC/SC, 62,5/125µm OM1, LS0H, orange, 1m		HLP26LC01F
FO Patchcord Duplex LC/SC, 62,5/125µm OM1, LS0H, orange, 2m		HLP26LC02F
FO Patchcord Duplex LC/SC, 62,5/125µm OM1, LS0H, orange, 3m		HLP26LC03F
FO Patchcord Duplex LC/SC, 62,5/125µm OM1, LS0H, orange, 5m		HLP26LC05F
FO Patchcord Duplex LC/SC, 62,5/125µm OM1, LS0H, orange, 10m		HLP26LC10F
LC / ST		
FO Patchcord Duplex LC/ST, 62,5/125µm OM1, LS0H, orange, 1m		HLP26LT01F
FO Patchcord Duplex LC/ST, 62,5/125µm OM1, LS0H, orange, 2m		HLP26LT02F
FO Patchcord Duplex LC/ST, 62,5/125µm OM1, LS0H, orange, 3m		HLP26LT03F
LC / FC		
FO Patchcord Duplex LC/FC, 62,5/125µm OM1, LS0H, orange, 2m		HLP26LF02F
FO Patchcord Duplex LC/FC, 62,5/125µm OM1, LS0H, orange, 5m		HLP26LF05F
SC / SC		
FO Patchcord Duplex SC/SC, 62,5/125µm OM1, LS0H, orange, 1m		HLP26CC01F
FO Patchcord Duplex SC/SC, 62,5/125µm OM1, LS0H, orange, 2m		HLP26CC02F
FO Patchcord Duplex SC/SC, 62,5/125µm OM1, LS0H, orange, 3m		HLP26CC03F
FO Patchcord Duplex SC/SC, 62,5/125µm OM1, LS0H, orange, 5m		HLP26CC05F
FO Patchcord Duplex SC/SC, 62,5/125µm OM1, LS0H, orange, 10m		HLP26CC10F
ST / FC		
FO Patchcord Duplex SC/FC, 62,5/125µm OM1, LS0H, orange, 2m		HLP26CF02F
FO Patchcord Duplex SC/FC, 62,5/125µm OM1, LS0H, orange, 5m		HLP26CF05F
ST / ST		
FO Patchcord Duplex ST/ST, 62,5/125µm OM1, LS0H, orange, 1m		HLP26TT01F
FO Patchcord Duplex ST/ST, 62,5/125µm OM1, LS0H, orange, 2m		HLP26TT02F
FO Patchcord Duplex ST/ST, 62,5/125µm OM1, LS0H, orange, 3m		HLP26TT03F
FO Patchcord Duplex ST/ST, 62,5/125µm OM1, LS0H, orange, 5m		HLP26TT05F
FO Patchcord Duplex ST/ST, 62,5/125µm OM1, LS0H, orange, 10m		HLP26TT10F
ST / SC		
FO Patchcord Duplex ST/SC, 62,5/125µm OM1, LS0H, orange, 1m		HLP26TC01F
FO Patchcord Duplex ST/SC, 62,5/125µm OM1, LS0H, orange, 2m		HLP26TC02F

 Category OM1 / Fibre 62,5µm

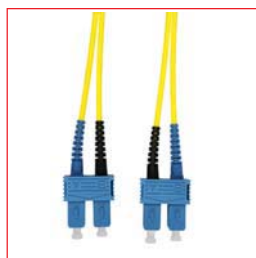
DESCRIPTION	AVAILABLE	ORDER NO.
ST / SC		
FO Patchcord Duplex ST/SC, 62,5/125µm OM1, LSOH, orange, 3m		HLP26TC03F
FO Patchcord Duplex ST/SC, 62,5/125µm OM1, LSOH, orange, 5m		HLP26TC05F
FO Patchcord Duplex ST/SC, 62,5/125µm OM1, LSOH, orange, 10m		HLP26TC10F
ST / FC		
FO Patchcord Duplex ST/FC, 62,5/125µm OM1, LSOH, orange, 2m		HLP26TF02F
FO Patchcord Duplex ST/FC, 62,5/125µm OM1, LSOH, orange, 5m		HLP26TF05F
FC / FC		
FO Patchcord Duplex FC/FC, 62,5/125µm OM1, LSOH, orange, 2m		HLP26FF02F
FO Patchcord Duplex FC/FC, 62,5/125µm OM1, LSOH, orange, 5m		HLP26FF05F



Category OS2 / Fibre 9µm



HLP29LL02F



HLP29CC02F



HLP29TT02F



HLP29FF02F

SCHRACK-INFO

- Cable: Zipcord, LS0H
- Fiber: Singlemode 9/125µm OS2
- Color: yellow

DESCRIPTION	AVAILABLE	ORDER NO.
LC / LC		
FO Patchcord Duplex LC/LC, 9/125µm OS2, LS0H-3, yellow, 1.0m		HLP29LL01F
FO Patchcord Duplex LC/LC, 9/125µm OS2, LS0H-3, yellow, 2.0m		HLP29LL02F
FO Patchcord Duplex LC/LC, 9/125µm OS2, LS0H-3, yellow, 3.0m		HLP29LL03F
FO Patchcord Duplex LC/LC, 9/125µm OS2, LS0H-3, yellow, 5.0m		HLP29LL05F
FO Patchcord Duplex LC/LC, 9/125µm OS2, LS0H-3, yellow, 10.0m		HLP29LL10F
LC / SC		
FO Patchcord Duplex LC/SC, 9/125µm OS2, LS0H-3, yellow, 1.0m		HLP29LC01F
FO Patchcord Duplex LC/SC, 9/125µm OS2, LS0H-3, yellow, 2.0m		HLP29LC02F
FO Patchcord Duplex LC/SC, 9/125µm OS2, LS0H-3, yellow, 3.0m		HLP29LC03F
FO Patchcord Duplex LC/SC, 9/125µm OS2, LS0H-3, yellow, 5.0m		HLP29LC05F
FO Patchcord Duplex LC/SC, 9/125µm OS2, LS0H-3, yellow, 10.0m		HLP29LC10F
LC / FC		
FO Patchcord Duplex LC/FC, 9/125µm OS2, LS0H-3, yellow, 2.0m		HLP29LF02F
FO Patchcord Duplex LC/FC, 9/125µm OS2, LS0H-3, yellow, 3.0m		HLP29LF03F
SC / SC		
FO Patchcord Duplex SC/SC, 9/125µm OS2, LS0H-3, yellow, 1.0m		HLP29CC01F
FO Patchcord Duplex SC/SC, 9/125µm OS2, LS0H-3, yellow, 2.0m		HLP29CC02F
FO Patchcord Duplex SC/SC, 9/125µm OS2, LS0H-3, yellow, 3.0m		HLP29CC03F
FO Patchcord Duplex SC/SC, 9/125µm OS2, LS0H-3, yellow, 5.0m		HLP29CC05F
FO Patchcord Duplex SC/SC, 9/125µm OS2, LS0H-3, yellow, 10.0m		HLP29CC10F
SC / FC		
FO Patchcord Duplex SC/FC, 9/125µm OS2, LS0H-3, yellow, 1.0m		HLP29CF01F
FO Patchcord Duplex SC/FC, 9/125µm OS2, LS0H-3, yellow, 2.0m		HLP29CF02F
FO Patchcord Duplex SC/FC, 9/125µm OS2, LS0H-3, yellow, 5.0m		HLP29CF05F
FO Patchcord Duplex SC/FC, 9/125µm OS2, LS0H-3, yellow, 10.0m		HLP29CF10F
ST / ST		
FO Patchcord Duplex ST/ST, 9/125µm OS2, LS0H-3, yellow, 2.0m		HLP29TT02F
FO Patchcord Duplex ST/ST, 9/125µm OS2, LS0H-3, yellow, 5.0m		HLP29TT05F
ST / SC		
FO Patchcord Duplex ST/SC, 9/125µm OS2, LS0H-3, yellow, 2.0m		HLP29TC02F
FO Patchcord Duplex ST/SC, 9/125µm OS2, LS0H-3, yellow, 5.0m		HLP29TC05F
ST / FC		
FO Patchcord Duplex ST/FC, 9/125µm OS2, LS0H-3, yellow, 2.0m		HLP29TF02F
FO Patchcord Duplex ST/FC, 9/125µm OS2, LS0H-3, yellow, 5.0m		HLP29TF05F
FC / FC		
FO Patchcord Duplex FC/FC, 9/125µm OS2, LS0H-3, yellow, 2.0m		HLP29FF02F
FO Patchcord Duplex FC/FC, 9/125µm OS2, LS0H-3, yellow, 5.0m		HLP29FF05F
FO Patchcord Duplex FC/FC, 9/125µm OS2, LS0H-3, yellow, 10.0m		HLP29FF10F

Accessories (empty boxes, pigtails, couplings,...)

Splicebox / Patchpanel 19", 1U, Empty



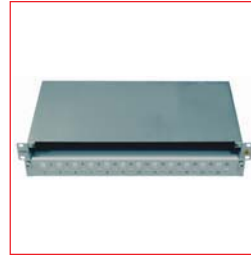
HSELS240LG



HSELS240CG



HSELS240TG



HSELS480LG



HSELS480CG



HSELSFTTDM

SCHRACK-INFO

These spliceboxes comprise an upper enclosure section, a pull-out tray and 2 depth-adjustable 19" brackets. Pull-out trays are locked via two knurled screws:

- for 12 LC Duplex couplers
- for 12 SC Duplex couplers
- for 24 LC Duplex couplers
- for 24 SC Duplex couplers
- for 24 ST or FC couplers

Cable-entry:

- Four break-away style openings for M20 cable-gland
- One break-away style opening for optional available cable strain-relief (HSELSFTTDM)

Material: zinc-coated steel

Installation: 19", 1U

Dimensions W x H x D: 483mm x 44mm x 240mm

Color: RAL7035 (lightgrey)

DESCRIPTION	AVAILABLE	ORDER NO.
FO Splicebox empty for 12 LC-Duplex Coupler, 1U, RAL7035		HSELS240LG
FO Splicebox empty for 12 SC-Duplex Coupler, 1U, RAL7035		HSELS240CG
FO Splicebox empty for 24 ST oder FC Coupler, 1U, RAL7035		HSELS240TG
FO Splicebox empty for 24 LC-Duplex Coupler, 1U, RAL7035		HSELS480LG
FO Splicebox empty for 24 SC-Duplex Coupler, 1U, RAL7035		HSELS480CG
FO Cable strain relief for HSELS... boxes and panels		HSELSFTTDM



Cable Fittings and Metric Counter Nuts



M270020



M271020

SCHRACK-INFO

Cable fitting:

- Material: Polyamid, lightgrey (PA6.0-V0-UL94)
- Gasket Neopren
- Protection IP 68 up to 5 bar

Metric Counter Nut:

- Material: Polyamid, lightgrey (PA6.0-V0-UL94)
- According DIN 46320

DESCRIPTION	AVAILABLE	ORDER NO.
M20x1,6		M270020
M20x1.6		M271020

Spliceboxes Wallmount, Empty



HDFO900LCT



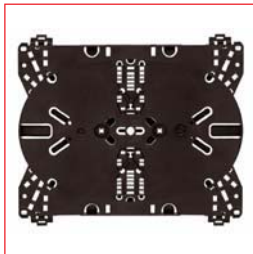
HDFO900LCT

SCHRACK-INFO

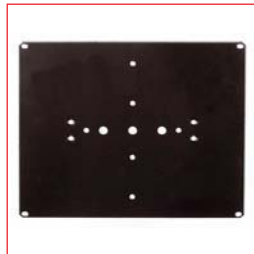
The splicebox has two doors with separate keys. This makes it possible to distinguish between the side with the splice and the side used for patching. Keys included. Two PG 11 cable fittings are included in delivery.

DESCRIPTION	AVAILABLE	ORDER NO.
FO Splicebox Wallmount Empty, 48xLC or 32xSC or 24xST/FC, IP40, RAL7035		HDFO900LCT

Fiber Optics Splice-Cassettes



HLZPZCC005



HLZPZCD-02



HCLSPHSCHR

SCHRACK-INFO

Used for storing protection tubes with shrink-on sleeves. Ideal for single- and multimode fibres. Includes two splice organisers each for 12 fibres. A cover is also optionally available. Material: black plastic.

DESCRIPTION	AVAILABLE	ORDER NO.
FO Splice cassette with integral organisers for 24 fibers		HLZPZCC005
FO Splice cassette cover		HLZPZCD-02
FO shrink splice protectors, Length = 60mm, 1 PU = 100pcs.		HCLSPHSCHR
FO shrink splice protectors, Length = 40mm, 1 PU = 100pcs.		HCLSPHSCH4

Accessories (empty boxes, pigtails, couplings,...)

Fiber Optics Pigtails



HLP05T002E



HLP03C002E



HLP04L002E



HLP09F002E



HLP05T002E



HLP03C002E



HLP04L002E



HLP09F002E

SCHRACK-INFO

Fibre optic pigtails with 900 µm Easystrip fiber. Available for all categories. All connectors come with a ceramic ferrule.

TECHNICAL DATA	Multimode	Singlemode
Insertion Loss	≤ 0,25 dB	≤ 0,25 dB
Return Loss	≥ 20 dB	≥ 55 dB

DESCRIPTION	AVAILABLE	ORDER NO.
Category OM2 / Fiber 50µm		
FO Pigtail LC, 50/125µm OM2, 2.0m, Easy Strip, green, 4 pieces		HLP05L002E
FO Pigtail SC, 50/125µm OM2, 2.0m, Easy Strip, green, 4 pieces		HLP05C002E
FO Pigtail ST, 50/125µm OM2, 2.0m, Easy Strip, green, 4 pieces		HLP05T002E
FO Pigtail FC, 50/125µm OM2, 2.0m, Easy Strip, green, 4 pieces		HLP05F002E
Category OM3 / Fiber 50µm		
FO Pigtail LC, 50/125µm OM3, 2.0m, Easy Strip, aqua, 4 pieces		HLP03L002E
FO Pigtail SC, 50/125µm OM3, 2.0m, Easy Strip, aqua, 4 pieces		HLP03C002E
FO Pigtail ST, 50/125µm OM3, 2.0m, Easy Strip, aqua, 4 pieces		HLP03T002E
FO Pigtail FC, 50/125µm OM3, 2.0m, Easy Strip, aqua, 4 pieces		HLP03F002E
Category OM4 / Fiber 50µm		
FO Pigtail LC, 50/125µm OM4, 2.0m, Easy Strip, violet, 4 pieces		HLP04L002E
FO Pigtail SC, 50/125µm OM4, 2.0m, Easy Strip, violet, 4 pieces		HLP04C002E
Category OM1 / Fiber 62,5µm		
FO Pigtail LC, 62,5/125µm OM1, 2.0m, Easy Strip, orange, 4 pieces		HLP06L002E
FO Pigtail SC, 62,5/125µm OM1, 2.0m, Easy Strip, orange, 4 pieces		HLP06C002E
FO Pigtail ST, 62,5/125µm OM1, 2.0m, Easy Strip, orange, 4 pieces		HLP06T002E
FO Pigtail FC, 62,5/125µm OM1, 2.0m, Easy Strip, orange, 4 pieces		HLP06F002E
Category OS2 / Fiber 9µm		
FO Pigtail LC, 9/125µm OS2, 2.0m, Easy Strip, yellow, 4 pieces		HLP09L002E
FO Pigtail SC, 9/125µm OS2, 2.0m, Easy Strip, yellow, 4 pieces		HLP09C002E
FO Pigtail ST, 9/125µm OS2, 2.0m, Easy Strip, yellow, 4 pieces		HLP09T002E
FO Pigtail FC, 9/125µm OS2, 2.0m, Easy Strip, yellow, 4 pieces		HLP09F002E



Fiber Optics Couplers



HMOL000051



HMOL000059



HMOL000058



HMOL000050



HMOL000056



HMOL000054



HMOL000049



HMOL000052

SCHRACK-INFO

The multimode couplers are fitted with a phosphor bronze sleeve; the single mode couplers with a ceramic sleeve. Dust-proof caps included. Please order fixing materials separately.

DESCRIPTION	AVAILABLE	ORDER NO.
Multimode		
FO Coupler LC-Duplex, Plastic, Multimode, phbr, flange, grey		HMOL000051
FO Coupler LC-Duplex, Multimode, phosphor-bronze, without flange, grey		HMOL000103
FO Coupler LC-Quad, Multimode, phosphor-bronze, flange, grey		HMOL000105
FO Coupler SC-Duplex, Plastic, Multimode, phosphor-bronze, flange, grey		HMOL000059
FO Coupler SC-Simplex, Plastic, Multimode, phosphor-bronze, flange, grey		HMOL000058
FO Coupler ST, Metal, Multimode, phosphor-bronze, D-hole		HMOL000050
Singlemode		
FO Coupler LC-Duplex, Plastic, Singlemode, zirconia, flange, blue		HMOL000056
FO Coupler LC-Duplex, Singlemode, zirconia, without flange, blue		HMOL000104
FO Coupler LC-Quad, Singlemode, zirconia, flange, blue		HMOL000106
FO Coupler SC-Duplex, Plastic, Singlemode, zirconia, flange, blue		HMOL000054
FO Coupler SC-Simplex, Plastic, Singlemode, zirconia, flange, blue		HMOL000055
FO Coupler ST, Metal, Singlemode, zirconia, D-hole		HMOL000049
FO Coupler FC, Metal, Singlemode, zirconia, D-hole		HMOL000052

Accessories (empty boxes, pigtails, couplings,...)

Coupler Assembly



HDFO900LCT



HMOL000059

SCHRACK-INFO

For the assembly of couplers into Fiber Optics empty boxes (e.g. HDFO900LCT) or upgrade work, the coupler assembly has to be calculated in needed quantity.

DESCRIPTION	AVAILABLE	ORDER NO.
FO Coupler Assembly LC/SC/ST/FC into splicebox/patchpanel per coupler		HARBEIT026

Fiber Optics Blindcovers



HLZPZKBX02



HLPZKBC02



HLZPZKBT02

SCHRACK-INFO

Used to close off unused coupler openings. Material: black plastic

DESCRIPTION	AVAILABLE	ORDER NO.
FO Blind cover for LC-dx/SC-Sx cutout, black, 25 pcs.		HLZPZKBX02
FO Blind cover for SC-Duplex cutout, black, 25 pcs.		HLPZKBC02
FO Blind cover for ST/FC cutout, black, 25 pcs.		HLZPZKBT02

Back to Back Cableties



HSEKBK25HS



HSEKBK25HR

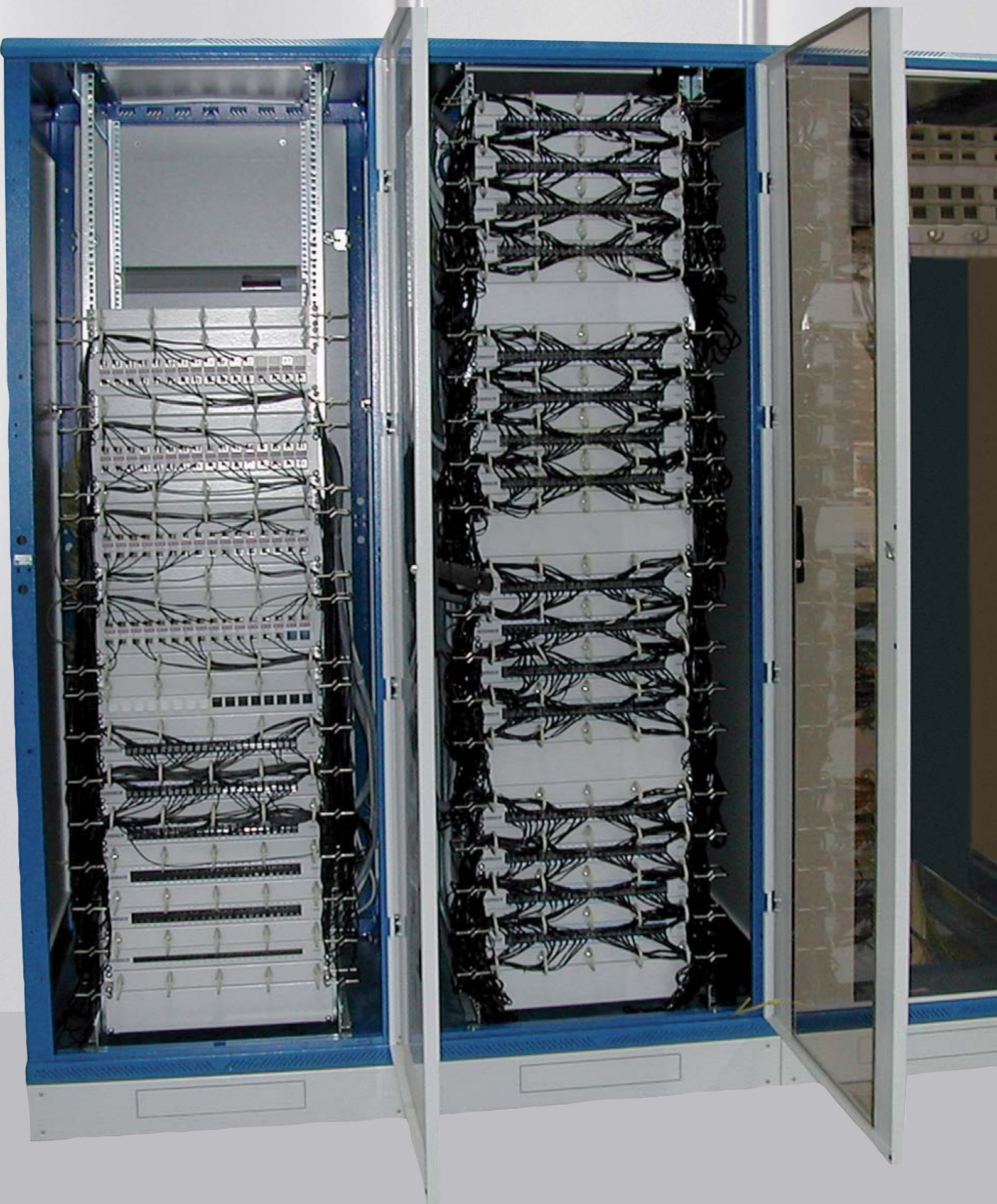
SCHRACK-INFO

Back-to-back cable-ties for gentle fixing of cable-bundles. Reusable and flexible. Fixing occurs using a „back-to-back“ system. The cable ties are wound around the cables to be bundled and the rest of the cable tie is then closed on itself. Fixing is provided without additional clips or clamps. This ensures that no damage occurs to the cables.

DESCRIPTION	AVAILABLE	ORDER NO.
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR



Order no. blue: on stock, usually ready for delivery on the day of order!



Data enclosures

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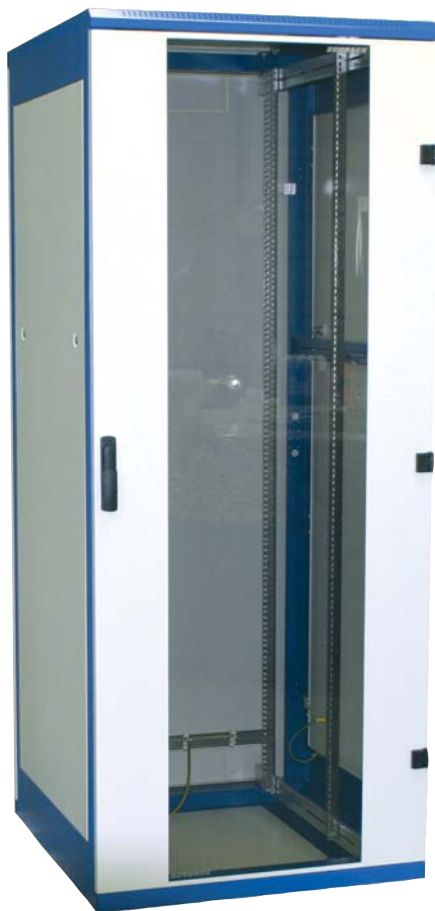
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■ FREESTANDING DATA ENCLOSURE



■ WALL-MOUNTED DATA ENCLOSURE MONOBLOCK



■ WALL-MOUNTED DATA ENCLOSURE DUALBLOCK





Data enclosures

Sophisticated design meets effective functionality. Schrack DS and DW series data enclosures are ideally suited to office applications and can also be used as individual network centres. The extensive range of accessories will meet your every need.

■ Data-Enclosures Freestanding IP30 DS



DS428080-A



DS428080-A



DS428080-A

■ SCHRACK-INFO

19"-freestanding network enclosures. Mostly used in offices and similar environments. Used as central-enclosures or sub-enclosures for all smaller to bigger sized network cabling systems. The front-door and the removable side- and rear- panels allow comfortable and easy access to the installed devices from every side of the cabinet. Passive cooling of the installed devices by ventilation slots in roof and floor. Active cooling by use of the optional roof-fan-units. Cable-entry is very flexible due to several prepared openings and the optional base.

The DS-enclosures are designed for universal use and fulfill most applications in generic, structured network cabling systems.

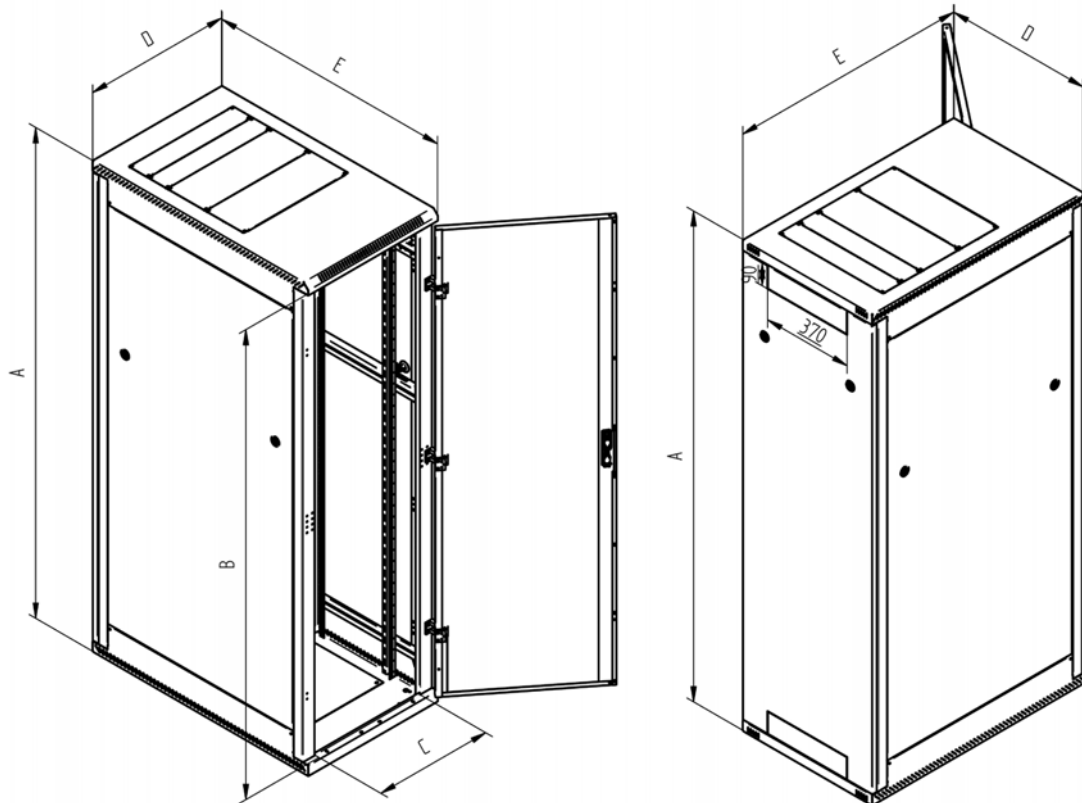
■ TECHNICAL DATA

- Welded, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 30
- Door with 4 mm thick safety glass with handsome swing handle. Prepared for half-cylinder type locks. Halfcylinder lock (Order-number: DV900333 / DV900335) optional available.
- Door hinged right. Can be changed to hinging on left.
- Glass door can be replaced by optional DSRT doors (full metal or perforated, full width or double-wing).
- Removeable and lockable side-panels. Key included. For better passive cooling, side-panels can be replaced by optional available perforated side-panels DSRS.
- Removeable and lockable rear-panel. Key included. Rear panel can be replaced by optional available DSRT doors (glass, full or perforated metal, full width or double-wing) or by perforated rear-panel DSRR.
- 19" vertical rails (4 pieces): Galvanized, continuously depth-adjustable.
- In 800mm wide DS enclosures, you can choose to adjust the 19" vertical rails to a width of 21" or 23".
- In 900, 1.000 and 1.200mm deep DS enclosures, there is an additional pair of vertical rails installed in half depth. This allows installation of high depth accessories together with standard accessories at the same time.
- An adapter-set (DFSZDS01) can be installed to the middle vertical rails, to support short accessories at the rear. Deep accessories can be supported in the middle.
- Roof unit assemblies can also be fitted to floor section. Optional base required.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Brush strip panel for roof (DBK24800) optional.
- Ventilation slots in roof and floor for passive ventilation.
- Earthing:
 - M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.

■ Data-Enclosures Freestanding IP30 DS

- Included assembly materials:
 - 16 x Cage nuts, screws and washers M6.
 - 4 x Levelling feet.
- Wide range of available accessories (bases, fan-units, cable entry panels, fixed shelves, patchpanels, cable management, PDUs, doors, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

■ DIMENSIONS



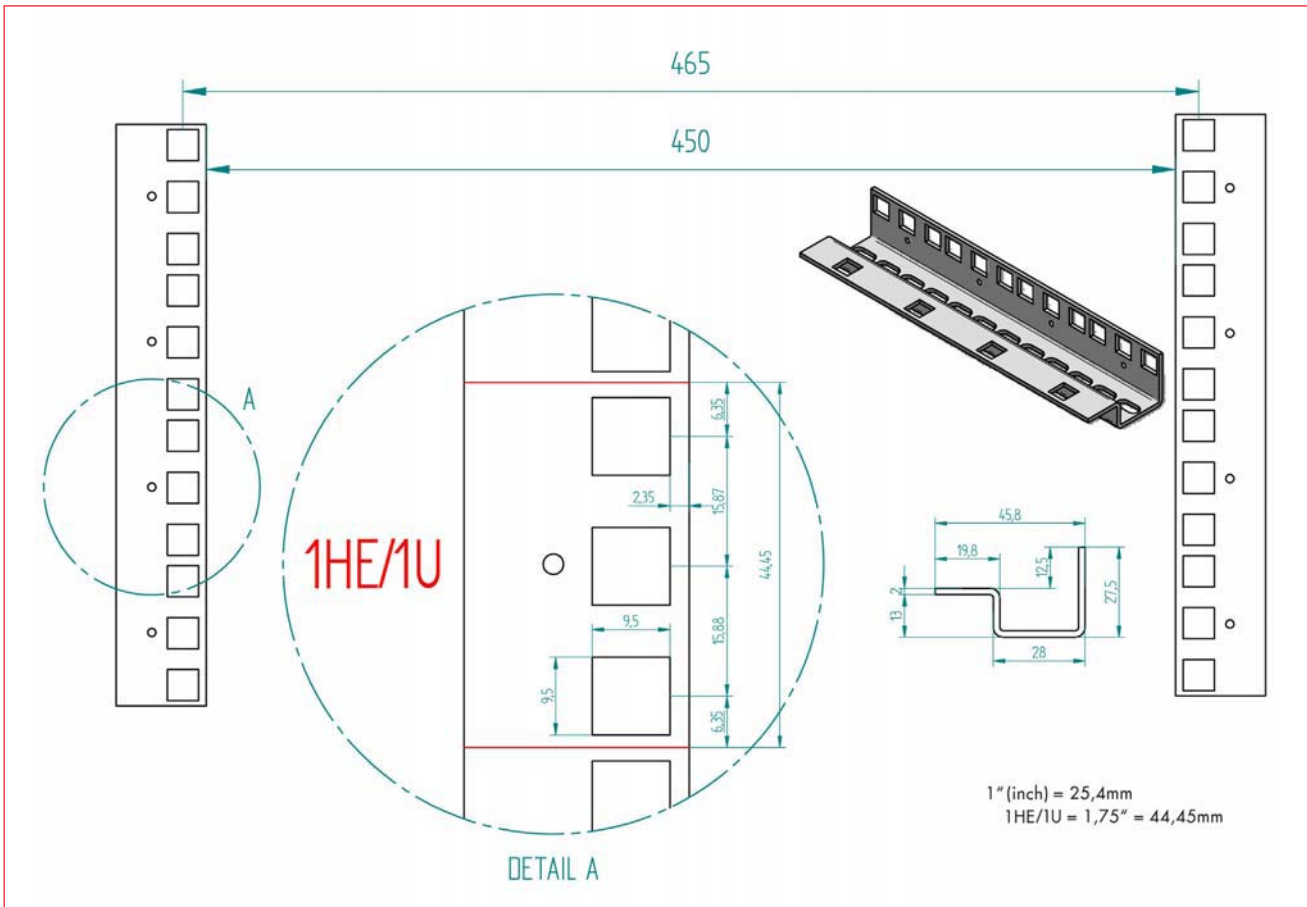
■ Data-Enclosures Freestanding IP30 DS

	A / mm	B / mm	C / mm	D / mm	E / mm	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)
DS426040-A	1970	1868	487	600	400	35	35	310	375	6U	1x4+1x2U	6U	1x6U	400	70	63
DS156060-A	770	668	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	300	40	34
DS186060-A	900	798	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	300	44	37
DS226060-A	1080	978	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	300	49	43
DS276060-A	1300	1198	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	58	51
DS326060-A	1525	1423	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	65	58
DS376060-A	1750	1648	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	72	65
DS426060-A	1970	1868	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	79	72
DS456060-A	2105	2003	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	83	76
DS476060-A	2194	2092	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	86	78
DS156080-A	770	668	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	300	46	39
DS186080-A	900	798	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	300	50	43
DS226080-A	1080	978	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	300	56	49
DS276080-A	1300	1198	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	66	59
DS326080-A	1525	1423	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	74	66
DS376080-A	1750	1648	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	82	74
DS426080-A	1970	1868	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	89	82
DS456080-A	2105	2003	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	94	86
DS426090-A	1970	1868	487	600	900	35	35	810	875	12U	2x4+2x2U	12U	1x12U	400	98	91
DS276010-A	1300	1198	487	600	1000	35	35	910	975	12U	2x4+2x2U	12U	1x12U	400	76	69
DS426010-A	1970	1868	487	600	1000	35	35	910	975	12U	2x4+2x2U	12U	1x12U	400	103	96
DS456010-A	2105	2003	487	600	1000	35	35	910	975	12U	2x4+2x2U	12U	1x12U	400	108	101
DS426020-A	1970	1868	487	600	1200	35	35	1110	1175	12U	2x4+2x2U	12U	1x12U	400	115	103
DS188060-A	900	798	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	300	55	45
DS228060-A	1080	978	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	300	61	51
DS278060-A	1300	1198	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	71	60
DS328060-A	1525	1423	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	78	68
DS378060-A	1750	1648	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	86	75
DS428060-A	1970	1868	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	94	83
DS458060-A	2105	2003	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	98	87
DS188080-A	900	798	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	300	63	53
DS228080-A	1080	978	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	300	70	59
DS278080-A	1300	1198	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	80	70
DS328080-A	1525	1423	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	89	78
DS378080-A	1750	1648	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	97	87
DS428080-A	1970	1868	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	105	95
DS458080-A	2105	2003	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	110	100
DS478080-A	2194	2092	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	114	103
DS428090-A	1970	1868	687	800	900	50	55	770	875	12U	2x4+2x2U	12U	1x12U	400	115	105
DS428010-A	1970	1868	687	800	1000	50	55	870	975	12U	2x4+2x2U	12U	1x12U	400	121	110
DS458010-A	2105	2003	687	800	1000	50	55	870	975	12U	2x4+2x2U	12U	1x12U	400	127	116
DS478010-A	2194	2092	687	800	1000	50	55	870	975	12U	2x4+2x2U	12U	1x12U	400	131	120
DS428020-A	1970	1868	687	800	1200	50	55	1070	1175	12U	2x4+2x2U	12U	1x12U	400	136	122
DS42808X-A	1970	1868	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	97	87
DS42801X-A	1970	1868	687	800	1000	50	55	870	975	12U	2x4+2x2U	12U	1x12U	400	113	102

- 1) Spacing between the front vertical 19"-rails and the door glass at the maximal span / mm
- 2) Spacing between the rear vertical 19"-rails and the rear cover at the maximal span / mm
- 3) Maximal spacing of vertical 19"-rails at free-standing enclosures / mm
- 4) Maximal available depth for installed devices when placed on shelves / mm
- 5) Roof opening with 19"-punching
- 6) Roof cover
- 7) Floor opening with 19"-punching
- 8) Floor cover
- 9) Maximum load / kg at equal distribution.
- 10) Weight Brutto / kg
- 11) Weight Netto / kg

■ Data-Enclosures Freestanding IP30 DS

■ DRAWING OF THE VERTICAL 19"-PROFILE-RAILS

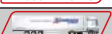


DESCRIPTION	AVAILABLE	ORDER NO.
Data-Enclosures Freestanding 600 x 400mm		
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 400mm, 19", 42U		DS426040-A
Data-Enclosures Freestanding 600 x 600mm		
Network Enclosure Freestanding DS, W= 600 x H= 770 x D= 600mm, 19", 15U		DS156060-A
Network Enclosure Freestanding DS, W= 600 x H= 900 x D= 600mm, 19", 18U		DS186060-A
Network Enclosure Freestanding DS, W= 600 x H=1.080 x D= 600mm, 19", 22U		DS226060-A
Network Enclosure Freestanding DS, W= 600 x H=1.300 x D= 600mm, 19", 27U		DS276060-A
Network Enclosure Freestanding DS, W= 600 x H=1.525 x D= 600mm, 19", 32U		DS326060-A
Network Enclosure Freestanding DS, W= 600 x H=1.750 x D= 600mm, 19", 37U		DS376060-A
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 600mm, 19", 42U		DS426060-A
Network Enclosure Freestanding DS, W= 600 x H=2.105 x D= 600mm, 19", 45U		DS456060-A
Network Enclosure Freestanding DS, W= 600 x H=2.195 x D= 600mm, 19", 47U		DS476060-A
Data-Enclosures Freestanding 600 x 800mm		
Network Enclosure Freestanding DS, W= 600 x H= 770 x D= 800mm, 19", 15U		DS156080-A
Network Enclosure Freestanding DS, W= 600 x H= 900 x D= 800mm, 19", 18U		DS186080-A
Network Enclosure Freestanding DS, W= 600 x H=1.080 x D= 800mm, 19", 22U		DS226080-A
Network Enclosure Freestanding DS, W= 600 x H=1.300 x D= 800mm, 19", 27U		DS276080-A
Network Enclosure Freestanding DS, W= 600 x H=1.525 x D= 800mm, 19", 32U		DS326080-A
Network Enclosure Freestanding DS, W= 600 x H=1.750 x D= 800mm, 19", 37U		DS376080-A
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 800mm, 19", 42U		DS426080-A
Network Enclosure Freestanding DS, W= 600 x H=2.105 x D= 800mm, 19", 45U		DS456080-A
Data-Enclosures Freestanding 600 x 900mm		
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 900mm, 19", 42U		DS426090-A



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Data-Enclosures Freestanding IP30 DS

DESCRIPTION	AVAILABLE	ORDER NO.
Data-Enclosures Freestanding 600 x 1000mm		
Network Enclosure Freestanding DS, W= 600 x H=1.300 x D=1.000mm, 19", 27U		DS276010-A
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D=1.000mm, 19", 42U		DS426010-A
Network Enclosure Freestanding DS, W= 600 x H=2.105 x D=1.000mm, 19", 45U		DS456010-A
Data-Enclosures Freestanding 600 x 1200mm		
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D=1.200mm, 19", 42U		DS426020-A
Data-Enclosures Freestanding 800 x 600mm		
Network Enclosure Freestanding DS, W= 800 x H= 900 x D= 600mm, 19", 18U		DS188060-A
Network Enclosure Freestanding DS, W= 800 x H=1.080 x D= 600mm, 19", 22U		DS228060-A
Network Enclosure Freestanding DS, W= 800 x H=1.300 x D= 600mm, 19", 27U		DS278060-A
Network Enclosure Freestanding DS, W= 800 x H=1.525 x D= 600mm, 19", 32U		DS328060-A
Network Enclosure Freestanding DS, W= 800 x H=1.750 x D= 600mm, 19", 37U		DS378060-A
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 600mm, 19", 42U		DS428060-A
Network Enclosure Freestanding DS, W= 800 x H=2.105 x D= 600mm, 19", 45U		DS458060-A
Data-Enclosures Freestanding 800 x 800mm		
Network Enclosure Freestanding DS, W= 800 x H= 900 x D= 800mm, 19", 18U		DS188080-A
Network Enclosure Freestanding DS, W= 800 x H=1.080 x D= 800mm, 19", 22U		DS228080-A
Network Enclosure Freestanding DS, W= 800 x H=1.300 x D= 800mm, 19", 27U		DS278080-A
Network Enclosure Freestanding DS, W= 800 x H=1.525 x D= 800mm, 19", 32U		DS328080-A
Network Enclosure Freestanding DS, W= 800 x H=1.750 x D= 800mm, 19", 37U		DS378080-A
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 800mm, 19", 42U		DS428080-A
Network Enclosure Freestanding DS, W= 800 x H=2.105 x D= 800mm, 19", 45U		DS458080-A
Network Enclosure Freestanding DS, W= 800 x H=2.195 x D= 800mm, 19", 47U		DS478080-A
Data-Enclosures Freestanding 800 x 900mm		
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 900mm, 19", 42U		DS428090-A
Data-Enclosures Freestanding 800 x 1000mm		
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D=1.000mm, 19", 42U		DS428010-A
Network Enclosure Freestanding DS, W= 800 x H=2.105 x D=1.000mm, 19", 45U		DS458010-A
Network Enclosure Freestanding DS, W= 800 x H=2.195 x D=1.000mm, 19", 47U		DS478010-A
Data-Enclosures Freestanding 800 x 1200mm		
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D=1.200mm, 19", 42U		DS428020-A
Data Enclosures Freestanding without Front-Door		
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 800mm, 19", 42U, without door		DS42808X-A
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D=1.000mm, 19", 42U, without door		DS42801X-A

Accessories



DLT44806-A



DSOT1280



DSRT4285



DFS14845-C



IU070126



DV900336-A



DBK14805



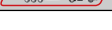
DV900333

DESCRIPTION	AVAILABLE	ORDER NO.
Roof Fan-Units		
Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A
Roof Cable-Entry Panel		
Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
Brush insert for cable-entry via rearpanel of enclosures DS/DSZ, 370x90mm, self-adhesive, black		HDZA0002
Bases		
Base side-profile-pair, D=400, H=120 for DS/DSZ/DSP, RAL7035		DSOT1240
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035		DSOT1280
Base side-profile-pair, D=900, H=120 for DS/DSZ/DSP, RAL7035		DSOT1290
Base side-profile-pair, D=1000, H=120 for DS/DSZ/DSP, RAL7035		DSOT1210
Base side-profile-pair, D=1200, H=120 for DS/DSZ/DSP, RAL7035		DSOT1220
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1281
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283
Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035		DSOS1200
Castors		
Castors (2 with brake, 2 without brake) for DS/DSZ-enclosure up to 800kg Load		DSR00005-A
Doors (Replacement of standard Front Glass-Door or Rear-Panel)		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4281
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4282
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4283
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4285
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4286
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4287
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4261

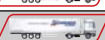
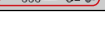


Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Doors (Replacement of standard Front Glass-Door or Rear-Panel)		
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4262
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4263
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4265
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4266
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4267
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4581
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4582
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4583
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4585
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4586
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4587
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4561
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4562
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4563
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4565
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4566
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4567
Perforated Panels (Replacement of standard Full-Metal Panel)		
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=800mm, RAL7035		DSRR4281
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=600mm, RAL7035		DSRR4261
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=800mm, RAL7035		DSRR4581
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=600mm, RAL7035		DSRR4561
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 600mm, RAL7035		DSRS4261
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 800mm, RAL7035		DSRS4281
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 1.000mm, RAL7035		DSRS4211
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 600mm, RAL7035		DSRS4561
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 800mm, RAL7035		DSRS4581
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 1.000mm, RAL7035		DSRS4511
Swingframe		
Swingframe 19", 37U for DS-/DSZ-enclosure 42U 800 wide		HDSSON0024
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 80kg Load, D=950mm, 1U, RAL7035		DFS14895-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=950mm, 1U, RAL7035		DFSS4895-A
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19" „ Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U		DSKV4280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U		DSKV4580
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Door Switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ASDSW010		DSADA001
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811



Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Pouch		
Document Pocket, Self Adhesive, DIN A4		ASDRA400
Halfcylinder-Lock		
Halfcylinderlock keyed EK 333 including 1 key		DV900333
Key 333 for Halfcylinderlock DV900333		DV900334
Halfcylinderlock different keyed including 1 key		DV900335
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Connection-Kit for joining together DS/DSZ- enclosures		DSRA0002
Spare Parts		
Swinghandle prepared for halfcylinder for DS/DSZ-enclosure		HDZS0010
Hinge for Network enclosure DS/DSZ/DW, left-right, max. 15kg		HDZHI001

■ Data-Enclosures Freestanding demountable IP30 DSZ



DSZ428080



DSZ428080



DSZ428080

■ SCHRACK-INFO

19"-freestanding network enclosures. Mostly used in offices and similar environments. Used as central-enclosures or sub-enclosures for all smaller to bigger sized network cabling systems. The front-door and the removable side- and rear- panels allow comfortable and easy access to the installed devices from every side of the cabinet. Passive cooling of the installed devices by ventilation slots in roof and floor. Active cooling by use of the optional roof-fan-units. Cable-entry is very flexible due to several prepared openings and the optional base.

The DSZ-enclosures are delivered assembled but can be disassembled if needed (narrow door openings, narrow stairs, etc.) and easily re-assembled afterwards.

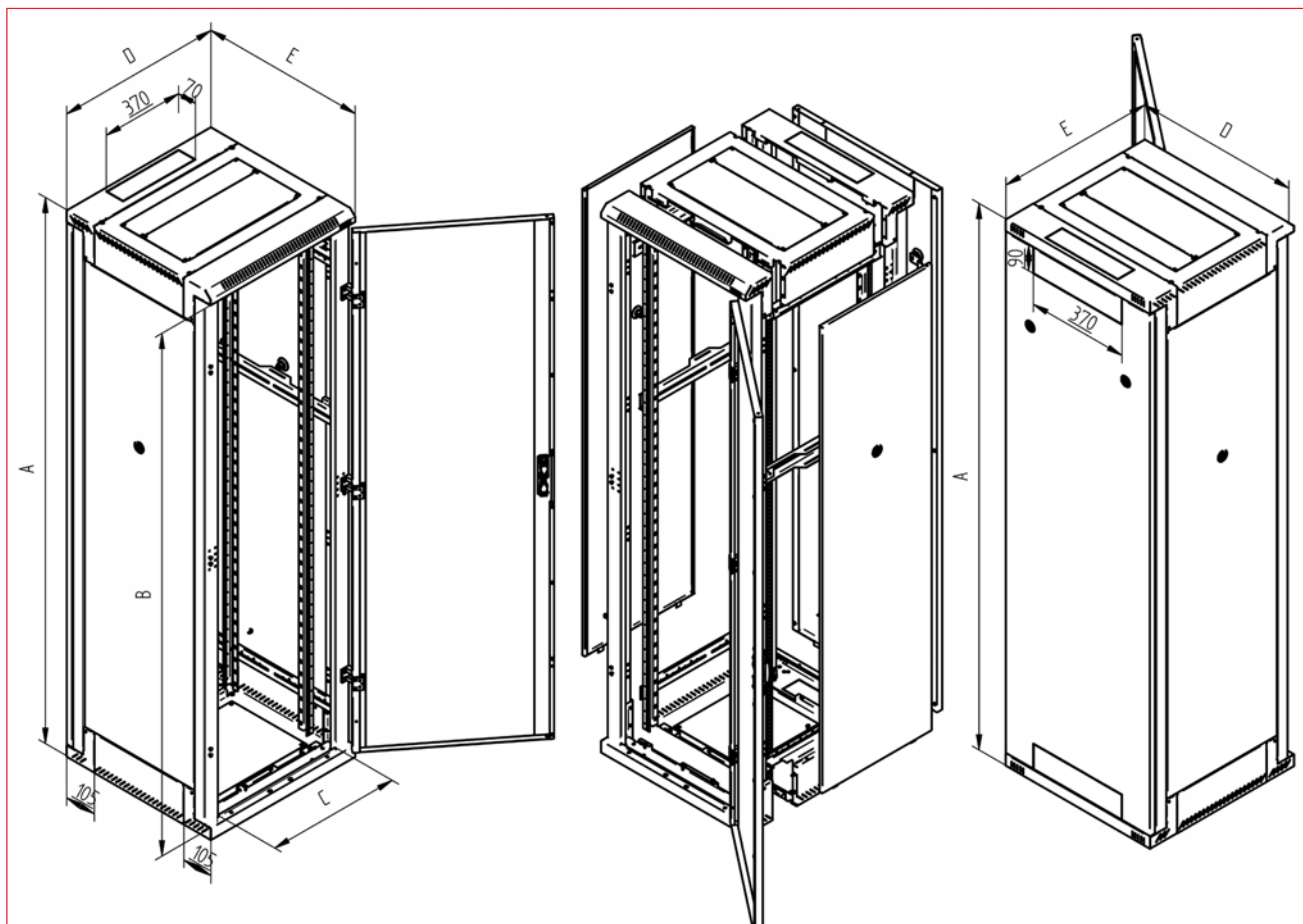
■ TECHNICAL DATA

- Screwed, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 30
- Door with 4 mm thick safety glass with handsome swing handle. Prepared for half-cylinder type locks. Halfcylinder lock (Order-number: DV900333 / DV900335) optional available.
- Door hinged right. Can be changed to hinging on left.
- Glass door can be replaced by optional DSRT doors (full metal or perforated, full width or double-wing).
- Removeable and lockable side-panels. Key included. For better passive cooling, side-panels can be replaced by optional available perforated side-panels DSRS.
- Removeable and lockable rear-panel. Key included. Rear panel can be replaced by optional available DSRT doors (glass, full or perforated metal, full width or double-wing) or by perforated rear-panel DSRR.
- 19" vertical rails (4 pieces): Galvanized, continuously depth-adjustable.
- In 800mm wide DSZ enclosures, you can choose to adjust the 19" vertical rails to a width of 21" or 23".
- In 1.000 and 1.200mm deep DSZ enclosures, there is an additional pair of vertical rails installed in half depth. This allows installation of high depth accessories together with standard accessories at the same time.
- An adapter-set (DFSZDS01) can be installed to the middle vertical rails, to support short accessories at the rear. Deep accessories can be supported in the middle.
- Roof unit assemblies can also be fitted to floor section. Optional base required.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Brush strip panel for roof (DBK24800) optional.
- Ventilation slots in roof and floor for passive ventilation.
- FastOn-Earthing-connections to all dismountable parts pre-installed.
- M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.

■ Data-Enclosures Freestanding demountable IP30 DSZ

- Included assembly materials: 24 x Cage nuts, screws and washers M6, 4x levelling feet.
- Wide range of available accessories (bases, fan-units, cable entry panels, fixed shelves, patchpanels, cable management, PDUs, doors, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

■ DIMENSIONS

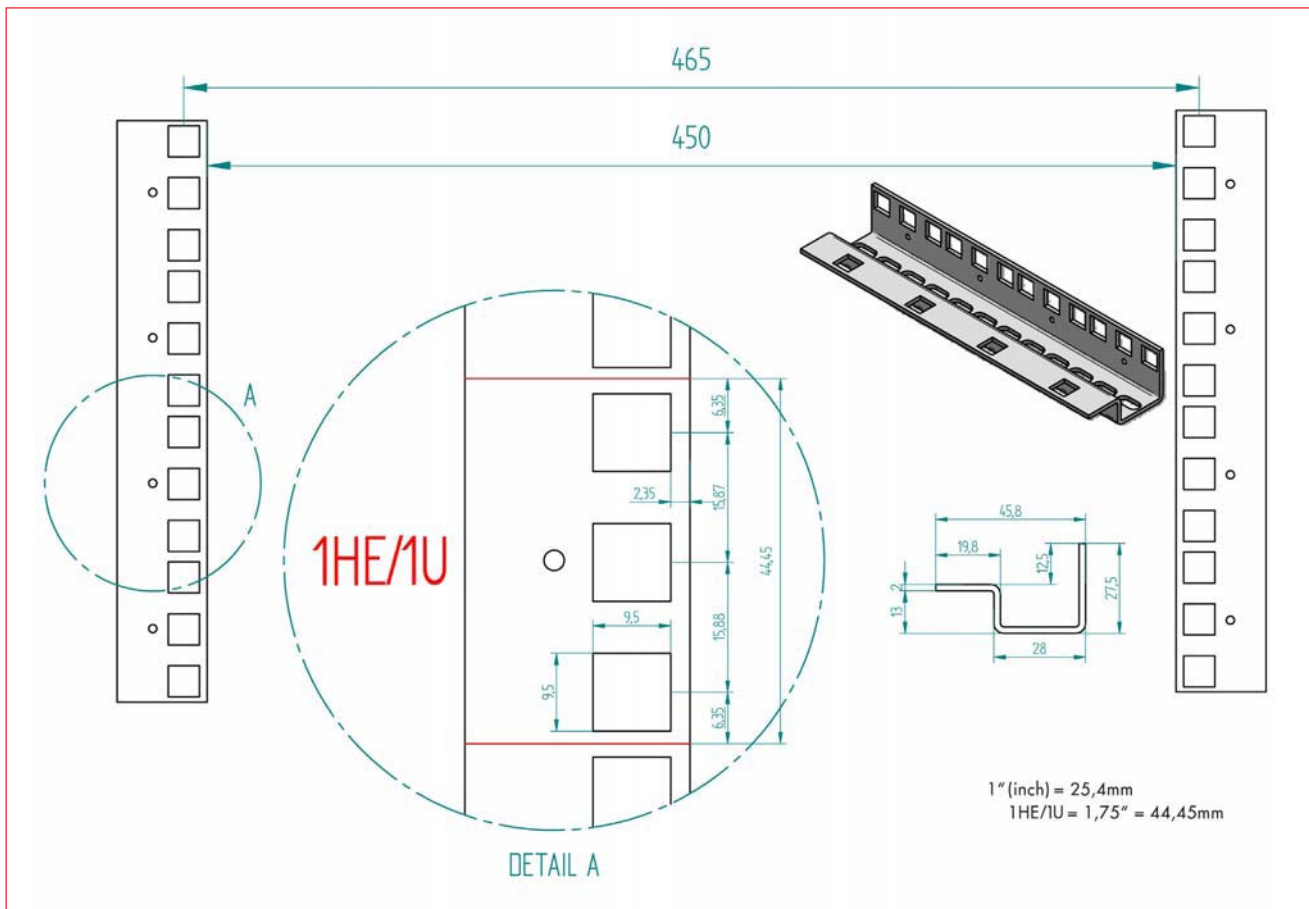


	A / mm	B / mm	C / mm	D / mm	E / mm	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)
DSZ426020	1970	1868	487	600	1200	400	43	45	1094	1175	12U	2x4+2x2U	12U	1x12U	115	103
DSZ428080	1970	1868	687	800	800	400	50	55	670	775	10U	2x4+1x2U	10U	1x10U	106	96
DSZ458080	2105	2003	687	800	800	400	50	55	670	775	10U	2x4+1x2U	10U	1x10U	111	101
DSZ428010	1970	1868	687	800	1000	400	50	55	870	975	12U	2x4+2x2U	12U	1x12U	122	111
DSZ458010	2105	2003	687	800	1000	400	50	55	870	975	12U	2x4+2x2U	12U	1x12U	128	117
DSZ428020	1970	1868	687	800	1200	400	50	55	1070	1175	12U	2x4+2x2U	12U	1x12U	137	122

- 1) Maximum load / kg at equal distribution
- 2) Spacing between the front vertical 19"-rails and the door glass at the maximal span / mm
- 3) Spacing between the rear vertical 19"-rails and the rear cover at the maximal span / mm
- 4) Maximal spacing of vertical 19"-rails at free-standing enclosures / mm
- 5) Maximal available depth for installed devices when placed on shelves / mm
- 6) Roof opening with 19"-punching
- 7) Roof cover
- 8) Floor opening with 19"-punching
- 9) Floor cover
- 10) Weight Brutto / kg
- 11) Weight Netto / kg

■ Data-Enclosures Freestanding demountable IP30 DSZ

■ DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data-Enclosures Freestanding demountable 600 x 1200mm		
Network Enclosure Freestanding DSZ, Demountable, W= 600 x H=1.970 x D=1.200mm, 19", 42U		DSZ426020
Data-Enclosures Freestanding demountable 800 x 800mm		
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=1.970 x D= 800mm, 19", 42U		DSZ428080
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=2.105 x D= 800mm, 19", 45U		DSZ458080
Data-Enclosures Freestanding demountable 800 x 1000mm		
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=1.970 x D=1.000mm, 19", 42U		DSZ428010
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=2.105 x D=1.000mm, 19", 45U		DSZ458010
Data-Enclosures Freestanding demountable 800 x 1200mm		
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=1.970 x D=1.200mm, 19", 42U		DSZ428020

Accessories



DLT44806-A



DSOT1280



DSRT4285



DFS14845-C



IU070126



DV900336-A



DBK14805



DV900333

DESCRIPTION	AVAILABLE	ORDER NO.
Roof Fan-Units		
Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A
Roof Cable-Entry Panel		
Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
Brush insert for cable-entry via rearpanel of enclosures DS/DSZ, 370x90mm, self-adhesive, black		HDZA0002
Bases		
Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035		DSOT1280
Base side-profile-pair, D=1000, H=120 for DS/DSZ/DSP, RAL7035		DSOT1210
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1281
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283
Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035		DSOS1200
Castors		
Castors (2 with brake, 2 without brake) for DS/DSZ-enclosure up to 800kg Load		DSR00005-A
Doors (Replacement of standard Front Glass-Door or Rear-Panel)		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4281
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4282
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4283
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4285
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4286
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4287
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4261
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4262
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4263
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4265
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4266

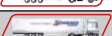
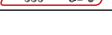
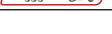
Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Doors (Replacement of standard Front Glass-Door or Rear-Panel)		
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4267
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4581
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4582
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4583
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4585
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4586
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4587
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4561
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4562
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4563
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4565
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4566
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4567
Perforated Panels (Replacement of standard Full-Metal Panel)		
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=800mm, RAL7035		DSRR4281
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=600mm, RAL7035		DSRR4261
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=800mm, RAL7035		DSRR4581
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=600mm, RAL7035		DSRR4561
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 600mm, RAL7035		DSRS4261
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 800mm, RAL7035		DSRS4281
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D=1.000mm, RAL7035		DSRS4211
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 600mm, RAL7035		DSRS4561
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 800mm, RAL7035		DSRS4581
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D=1.000mm, RAL7035		DSRS4511
Swingframe		
Swingframe 19", 37U for DS-/DSZ-enclosure 42U 800 wide		HDSSON0024
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 80kg Load, D=950mm, 1U, RAL7035		DFS14895-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=950mm, 1U, RAL7035		DFSS4895-A



Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19" Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U		DSKV4280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U		DSKV4580
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Door Switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ASDSW010		DSADA001
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document Pocket, Self Adhesive, DIN A4		ASDRA400
Halfcylinder-Lock		
Halfcylinderlock keyed EK 333 including 1 key		DV900333
Key 333 for Halfcylinderlock DV900333		DV900334

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Halfcylinder-Lock		
Halfcylinderlock different keyed including 1 key		DV900335
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Connection-Kit for joining together DS/DSZ- enclosures		DSRA0002



Server-Enclosures IP30 DSS



DSS4280803



DSS4280803



DSS4280803

SCHRACK-INFO

19"-freestanding server enclosures. Mostly used in data-centers, server-rooms and for applications where a high load for heavy devices (servers, UPSs, etc.) is needed. The front-and rear-doors and the removable side-panels allow comfortable and easy access to the installed devices from every side of the cabinet. Passive cooling of the installed devices by perforated doors. Active cooling by use of the optional roof-fan-units. Cable-entry is very flexible due to several prepared openings and the optional base.

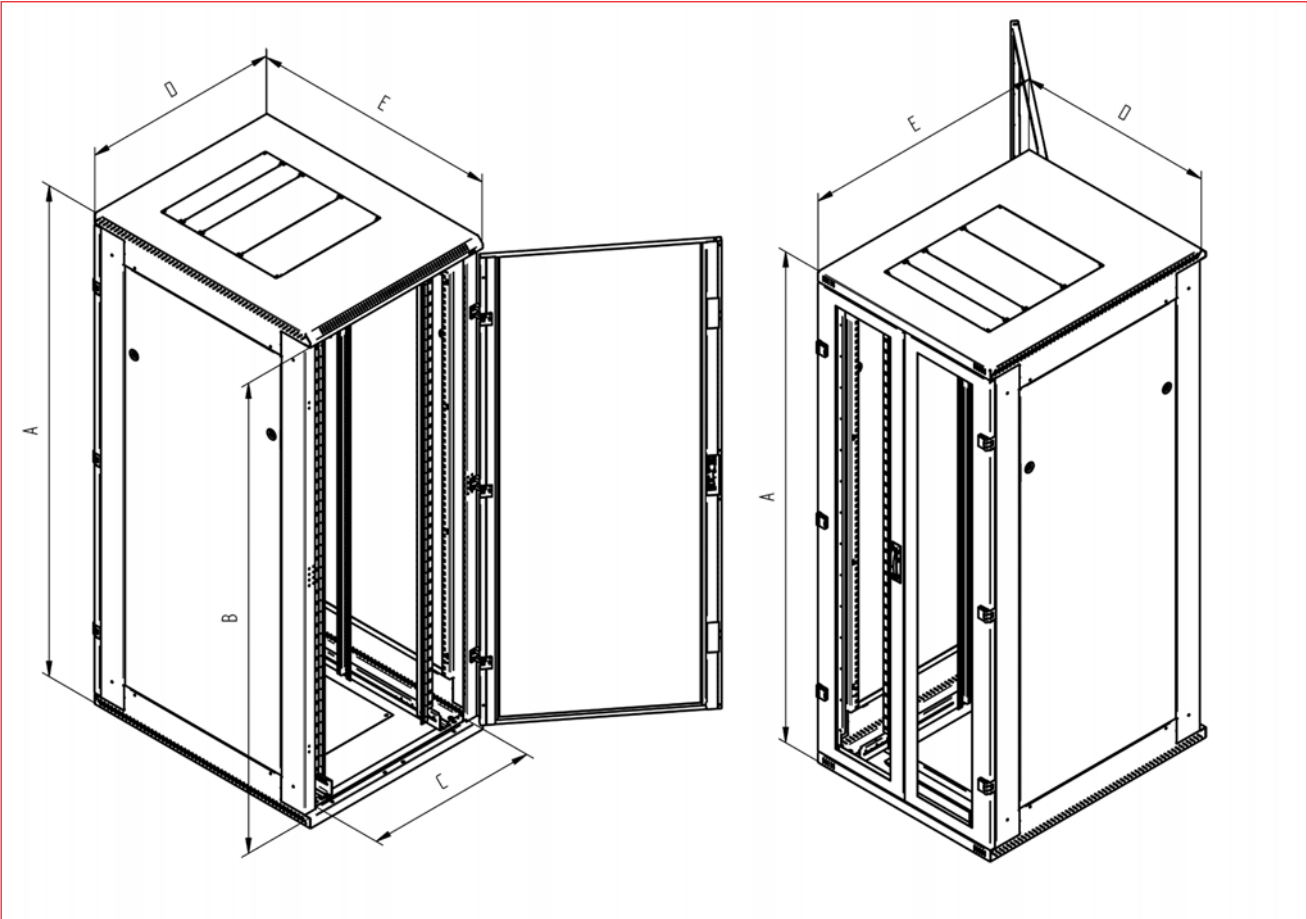
TECHNICAL DATA

- Welded, powder-coated sheet steel skeleton 2.0mm
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 30
- Datacenter-version designed for cold aisle housing available upon request.
- IP54-version for rough and dusty environments available upon request.
- Front-Door perforated (80% permeability) with handsome swing handle. Prepared for half-cylinder type locks. Halfcylinder lock (Order-number: DV900333 / DV900335) optional available.
- Front door hinged right. Can be changed to hinging on left.
- Rear double-wing door perforated (80% permeability) with handsome swing handle. Prepared for half-cylinder type locks. Halfcylinder lock (Order-number: DV900333 / DV900335) optional available.
- Removeable and lockable side-panels. Key included.
- Rear-Double Wing Door perforated (80% permeability) with handsome swing handle. Prepared for half-cylinder type locks. Halfcylinder lock (Order-number: DV900333 / DV900335) optional available.
- 19" vertical rails (4 pieces): Galvanized, continuously depth-adjustable.
- In 800mm wide DSS enclosures, you can choose to adjust the 19" vertical rails to a width of 21" or 23".
- In 1.000 deep DSS enclosures, there is an additional pair of vertical rails installed in half depth. This allows installation of high depth accessories together with standard accessories at the same time.
- Roof unit assemblies can also be fitted to floor section. Optional base required.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Brush strip panel for roof (DBK24800) optional.
- Perforated doors and ventilation slots in roof and floor for passive ventilation.
- Earthing:
 - M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:

Server-Enclosures IP30 DSS

- 16 x Cage nuts, screws and washers M6.
- 4 x Levelling feet.
- Wide range of available accessories (bases, fan-units, cable entry panels, fixed shelves, patchpanels, cable management, PDUs, doors, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

DIMENSIONS



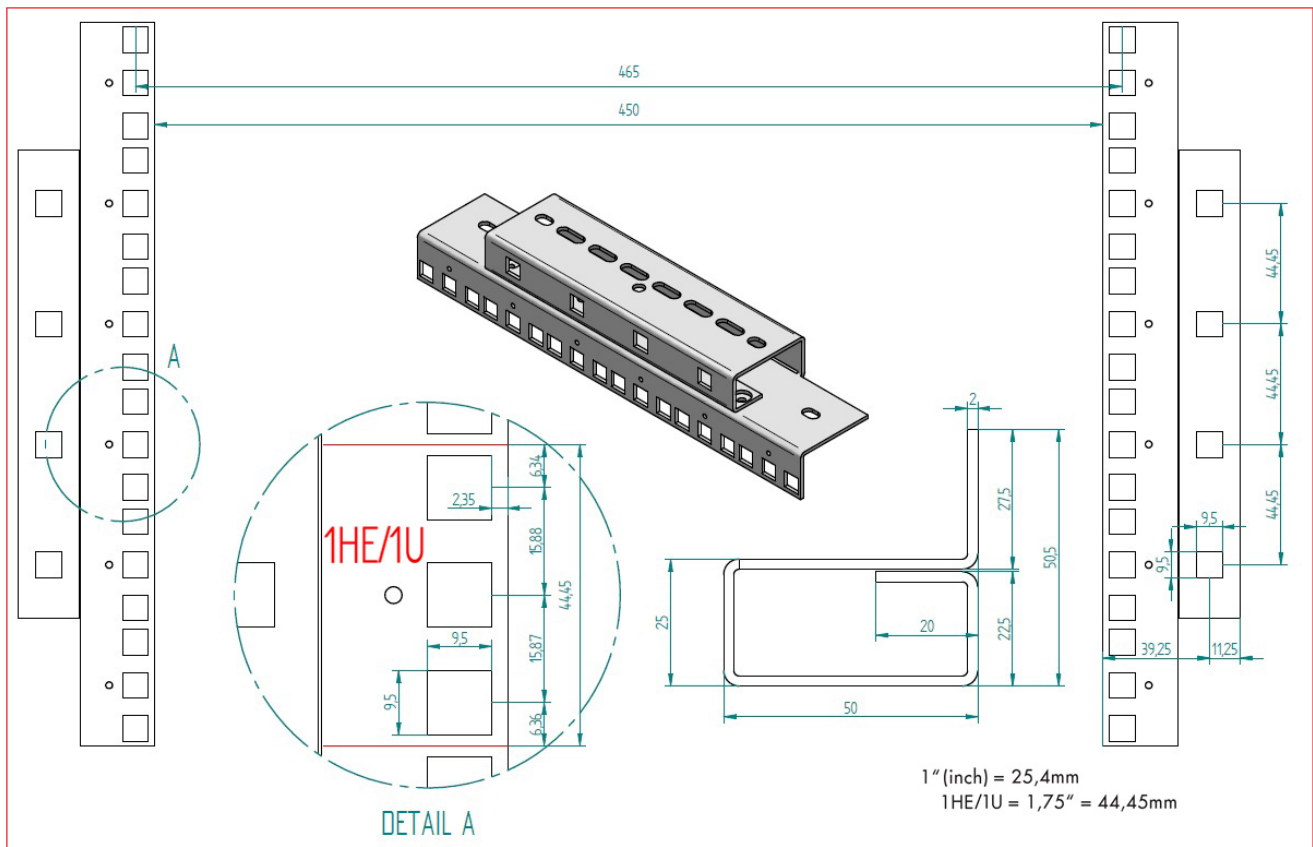
	A / mm	B / mm	C / mm	D / mm	E / mm	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)	12)
DSS4260103	1970	1868	487	600	1000	1300	IP30	30	30	930	975	12U	2x4+2x2U	12U	1x12U	142	131
DSS4280803	1970	1868	687	800	800	1300	IP30	50	55	670	775	10U	2x4+1x2U	10U	1x10U	158	144
DSS4280103	1970	1868	687	800	1000	1300	IP30	50	55	870	975	12U	2x4+2x2U	12U	1x12U	139	129

- 1) Maximum load / kg at equal distribution
- 2) Degree of protection
- 3) Spacing between the front vertical 19"-rails and the door glass at the maximal span / mm
- 4) Spacing between the rear vertical 19"-rails and the rear cover at the maximal span / mm
- 5) Maximal spacing of vertical 19"-rails at free-standing enclosures / mm
- 6) Maximal available depth for installed devices when placed on shelves / mm
- 7) Roof opening with 19"-punching
- 8) Roof cover
- 9) Floor opening with 19"-punching
- 10) Floor cover
- 11) Weight Brutto / kg
- 12) Weight Netto / kg

Free-standing data enclosures 19"

Server-Enclosures IP30 DSS

DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Server-Enclosures 600 x 1000mm		
Server Enclosure Freestanding DSS, W=600 x H=1.970 x D=1.000mm, 2x perforated doors, 1300kg Load, 19", 42U		DSS4260103
Server-Enclosures 800 x 800mm		
Server Enclosure Freestanding DSS, W=800 x H=1.970 x D= 800mm, 2x perforated doors, 1300kg Load, 19", 42U		DSS4280803
Server-Enclosures 800 x 1000mm		
Server Enclosure Freestanding DSS, W=800 x H=1.970 x D=1.000mm, 2x perforated doors, 1300kg Load, 19", 42U		DSS4280103

Accessories



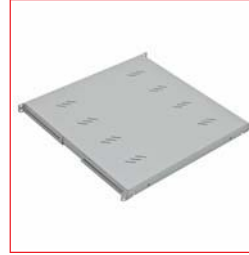
DLT44806-A



DSSOT1280



DSRT4287



DFS14845-C



IU070126



DV900336-A



DBK14805



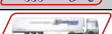
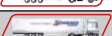
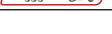
DV900333

DESCRIPTION	AVAILABLE	ORDER NO.
Roof Fan-Units		
Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A
Roof Cable-Entry Panel		
Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
Bases		
Base side-profile-pair, D= 800mm, H=120mm, for DSS, Max. Load = 1.300kg, RAL7035		DSSOT1280
Base side-profile-pair, D=1.000mm, H=120mm, for DSS, Max. Load = 1.300kg, RAL7035		DSSOT1210
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1281
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283
Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035		DSOS1200
Doors (Replacement of standard Front Glass-Door or Rear-Panel)		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4261
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4262
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4263
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4265
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4266
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4267
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4281
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4282
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4283
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4285
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4286
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4287
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C



Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19" „ Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Management		
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Door Switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and door switch ASDSW010		DSADA001
Cable for door switch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document Pocket, Self Adhesive, DIN A4		ASDRA400
Halfcylinder-Lock		
Halfcylinderlock keyed EK 333 including 1 key		DV900333
Key 333 for Halfcylinderlock DV900333		DV900334
Halfcylinderlock different keyed including 1 key		DV900335
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050



Order no. blue: on stock, usually ready for delivery on the day of order!

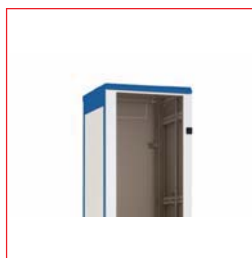
Doors IP30 for Freestanding Enclosures DS, DSZ and DSS



DSRT4281



DSRT4282



DSRT4283



DSRT4285



DSRT4286



DSRT4287

SCHRACK-INFO

These doors are for installation to IP30 freestanding enclosures SCHRACK DS, DSZ and DSS. Used as replacement of standard front-door or replacement of standard rear-panel (-door).

A rear-door allows more convenient and quick access to the back-side of installed devices in case of maintenance, repair or replacement.

TECHNICAL DATA

- Glassdoors for an open view to the installed components.
- Full Metal doors if devices inside the cabinet shall not be visible, e.g. in public areas.
- Perforated Metal doors for enhanced passive ventilation of the installed active devices.
- Double-wing doors are used in case of limited available space for door opening.
- Material:
- Frame: Welded, powder-coated sheet steel
- Glas: Safety tempered glass 4mm
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Handsome swing handle. Prepared for half-cylinder type locks. Halfcylinder lock (Order-number: DV900333 / DV900335) optional available.
- Permability of perforation: 80%.
- Installation:
 - Front: Instead of standard front-door.
 - Rear: Instead of standard fullmetal rear-panel (perforated double wing door in DSS).
- Hinges: 3 pcs. at 42U and 45U doors, opening angle: 170 degrees
- Hinging: Right. Quick and easy changing to hinging left.
- Delivery includes all materials needed for installation in front or rear.

DESCRIPTION	AVAILABLE	ORDER NO.
Doors IP30 for Freestanding Enclosures 42U, W=600mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4261
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4262
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4263
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4265
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4266
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4267
Doors IP30 for Freestanding Enclosures 42U, W=800mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4281
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4282
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4283

■ Doors IP30 for Freestanding Enclosures DS, DSZ and DSS

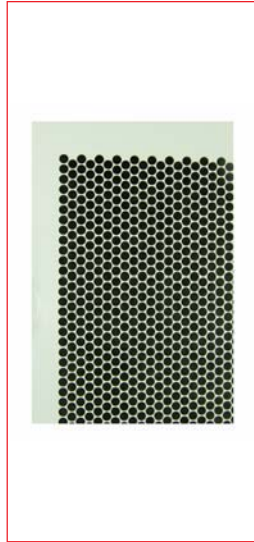
DESCRIPTION	AVAILABLE	ORDER NO.
Doors IP30 for Freestanding Enclosures 42U, W=800mm		
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4285
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4286
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4287
Doors IP30 for Freestanding Enclosures 45U, W=600mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4561
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4562
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4563
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4565
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4566
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4567
Doors IP30 for Freestanding Enclosures 45U, W=800mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4581
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4582
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4583
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4585
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4586
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4587



Perforated Panels IP30 for Data-Enclosures DS and DSZ



DSRR4281



DSRR4281

SCHRACK-INFO

These perforated panels are suitable for installation to IP30 freestanding network enclosures SCHRACK DS and DSZ. Used as replacement of standard side- or rear-panel.

The perforated panels increase the passive cooling and are used in air-conditioned rooms and data-centers.

TECHNICAL DATA

- Frame: Welded, powder-coated sheet steel
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Permability of perforation: 80%.

DESCRIPTION	AVAILABLE	ORDER NO.
Perforated Rearpanel for Freestanding Enclosures W=600mm		
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=600mm, RAL7035		DSRR4261
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=600mm, RAL7035		DSRR4561
Perforated Rearpanel for Freestanding Enclosures W=800mm		
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=800mm, RAL7035		DSRR4281
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=800mm, RAL7035		DSRR4581
Perforated Sidepanel for Freestanding Enclosures D=600mm		
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 600mm, RAL7035		DSRS4261
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 600mm, RAL7035		DSRS4561
Perforated Sidepanel for Freestanding Enclosures D=800mm		
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 800mm, RAL7035		DSRS4281
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 800mm, RAL7035		DSRS4581
Perforated Sidepanel for Freestanding Enclosures D=1000mm		
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D=1.000mm, RAL7035		DSRS4211
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D=1.000mm, RAL7035		DSRS4511

■ Bases for Freestanding Enclosures DS, DSZ, DSP and DSS



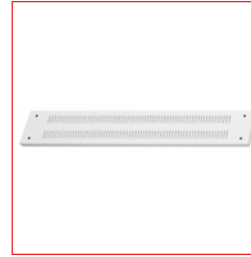
DSOT1280



DSOT1280



DSOF1280



DSOF1281



DSOF1282



DSOF1283

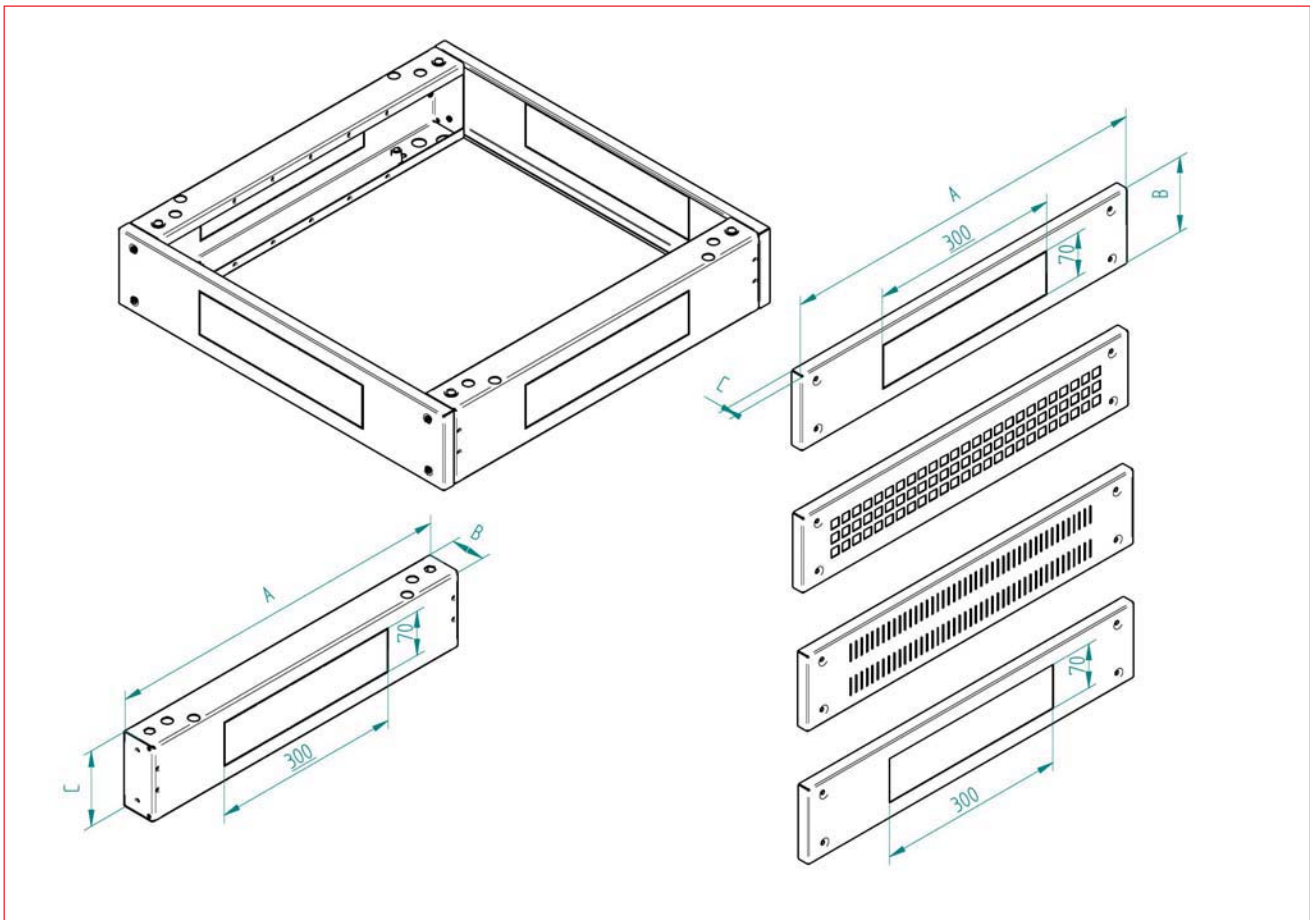


DSOS1200

■ SCHRACK-INFO

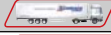
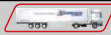
Universal bases for freestanding enclosures are a modular system made up of pairs of side-profiles for various depths (600, 800, 900, 1.000 and 1.200mm) and front/rear covers for various widths (600 and 800mm). The main part are the pairs of side profiles DSOT/DSSOT which carry enclosures with load up to 400/1.300kg. Cable entry from the side is possible by knocking out the break-out blank covers of the side profiles. The bases are completed by individually packed front/rear-covers. Four front/rear-covers are available and can be chosen: Standard blanking covers, perforated covers cable entry covers with brush and perforated covers with dust filter. All covers come supplied with assembly materials. The base is 120mm high. Color RAL 7035. The stabilizer set is screwed onto the base in the front and is used to prevent the enclosure from tipping over. Fits to all dimensions of bases.

■ DIMENSIONS



■ Bases for Freestanding Enclosures DS, DSZ, DSP and DSS

	A / mm	B / mm	C / mm
DSOT1240	360	55	120
DSOT1260	560	55	120
DSOT1280	760	55	120
DSOT1290	860	55	120
DSOT1210	960	55	120
DSOT1220	1160	55	120
DSSOT1280	760	55	120
DSSOT1210	960	55	120
DSOF1260	600	120	20
DSOF1261	600	120	20
DSOF1262	600	120	20
DSOF1263	600	120	20
DSOF1280	800	120	20
DSOF1281	800	120	20
DSOF1282	800	120	20
DSOF1283	800	120	20

DESCRIPTION	AVAILABLE	ORDER NO.
Base, Pairs of side-profiles for Data-Enclosures DS, DSZ and DSP		
Base side-profile-pair, D=400, H=120 for DS/DSZ/DSP, RAL7035		DSOT1240
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035		DSOT1280
Base side-profile-pair, D=900, H=120 for DS/DSZ/DSP, RAL7035		DSOT1290
Base side-profile-pair, D=1000, H=120 for DS/DSZ/DSP, RAL7035		DSOT1210
Base side-profile-pair, D=1200, H=120 for DS/DSZ/DSP, RAL7035		DSOT1220
Base, Pairs of side-profiles for Server-Enclosures DSS		
Base side-profile-pair, D= 800mm, H=120mm, for DSS, Max. Load = 1.300kg, RAL7035		DSSOT1280
Base side-profile-pair, D=1.000mm, H=120mm, for DSS, Max. Load = 1.300kg, RAL7035		DSSOT1210
Base, Front-/Rear-panels for Freestanding Enclosures DS, DSZ, DSP and DSS, W=600mm		
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base, Front-/Rear-panels for Freestanding Enclosures DS, DSZ, DSP and DSS, W=800mm		
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1281
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283
Stabilizer-Set for Data-Enclosures DS, DSZ and DSP		
Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035		DSOS1200

Roof Fan Units



DLT4480XXX



DLT44801-A



DLT44802-A



DLT44803-A



DLT44806-A



DBK24800



HDLTZ001



HDLTFI01

SCHRACK-INFO

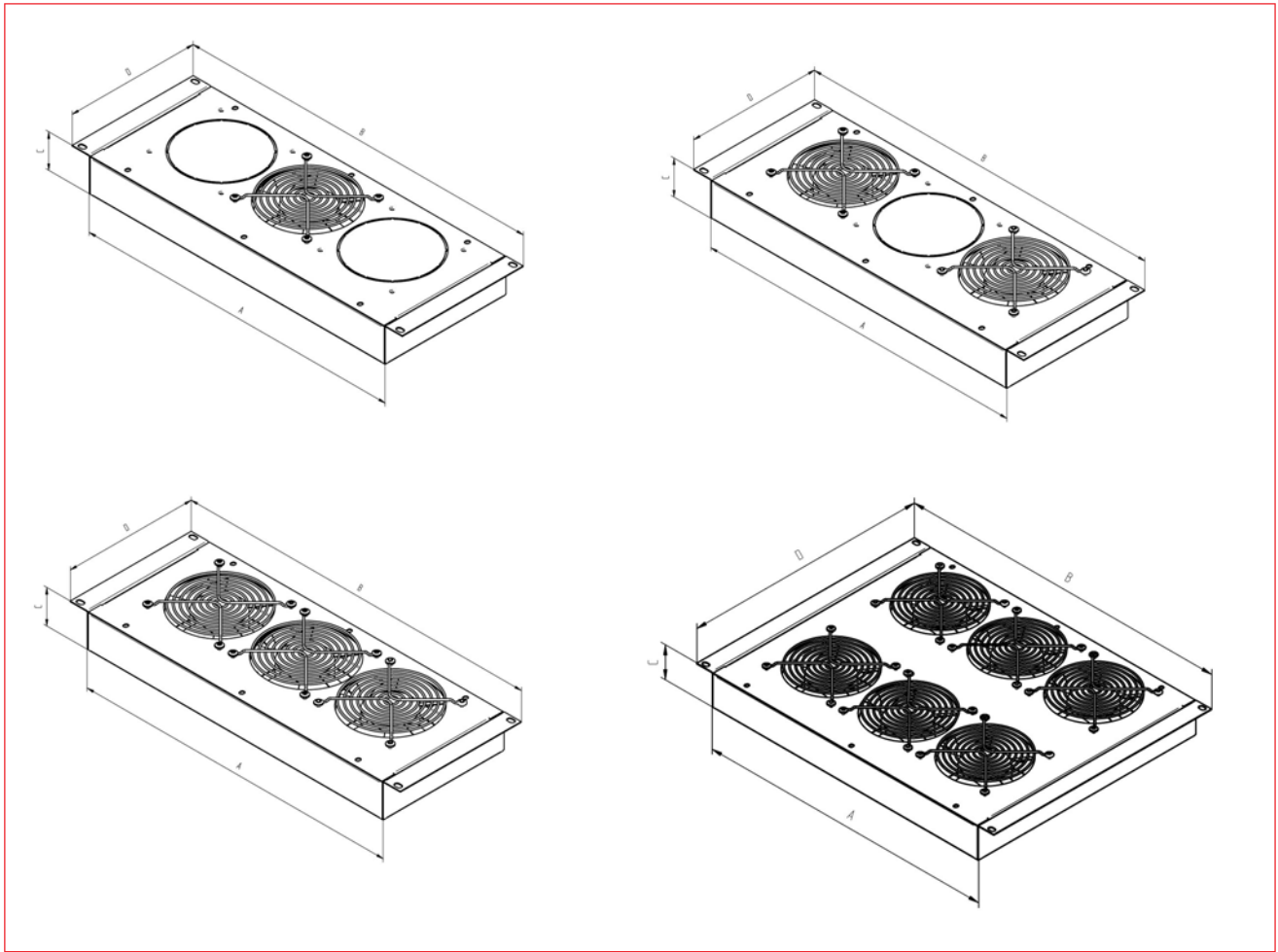
- The modular roof structure of SCHRACK freestanding enclosures IP30 has several cover plates. Thus only cover plates of the specific section, where a fan-unit is installed, have to be removed. The roof remains covered after a fan-unit is installed.
- Cover plates which are replaced can be reused in the enclosure thanks to the 19" format.
- Several fan units can be installed to give better ventilation performance. With 600mm deep enclosures, up to 2 fan-units can be installed (i.e. a maximum of 6 fans per enclosure). Up to 3 fan units (i.e. a maximum of 9 fans per enclosure) can be installed at enclosures 800, 900, 1.000 and 1.200mm deep.
- To bring bigger quantity of cables into Schrack enclosures, it is possible to install 2x DBK24800 in opposite directions.

TECHNICAL DATA

- Powder-coated sheet steel RAL7035
- Cable-entry-panel and roof-fan-unit in any combination possible (also multiple use).
- Maximum heat dissipation by sucking out air to the outside.
- On/Off-switch included.
- Thermostat: Setting range +5 to +55° C included.
- Fan: 220-240VAC, 50/60Hz, 160m3/h
- Included assembly materials: 4 x Cage nuts, screws and washers M6.

Roof Fan Units

DIMENSIONS



	Fans	A / mm	B / mm	C / mm	D
DLT44801-A	1	435	483	50	4U
DLT44802-A	2	435	483	50	4U
DLT44803-A	3	435	483	50	4U
DLT44806-A	6	435	483	50	8U

DESCRIPTION	AVAILABLE	ORDER NO.
Roof Fan Unit		
Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof Fan Units		
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A
Roof Cable-Entry Panel		
Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
Spare Parts		
Fan 220-240VAC, 50/60Hz, 160m3/h, 120x120mm		HDLTZ001
Dustfilter with grille 120x120mm for one fan		HDLTFI01

19" Swingframe for Data-Enclosures DS and DSZ



HDSSON0024

SCHRACK-INFO

- This swingframe HDSSON0024 can be installed into all freestanding network enclosures DS- and DSZ 42U, width = 800mm.
- Height-units for installing devices: 37U
- Hinging left or right possible
- Maximum load: 100kg

DESCRIPTION	AVAILABLE	ORDER NO.
Swingframe 19", 37U for DS-/DSZ-enclosure 42U 800 wide		HDSSON0024



■ Data-Enclosures Freestanding IP54 DSI



DSI428080



DSI428080

■ SCHRACK-INFO

19"-freestanding network enclosures with high protection IP54. Special protected construction for rough, dusty environments. Frequently used, if installed equipment is worth to be especially protected and/or equipment needs special protection due to environmental conditions (dust, humidity), e.g. if installed in basement, attic, production sites, warehouses, etc.. The front-door and the removable side- and rear-panels allow comfortable and easy access to the installed devices from every side of the cabinet. As an option, it is possible to install a cooling unit on the roof. In that case an installation-kit is needed.

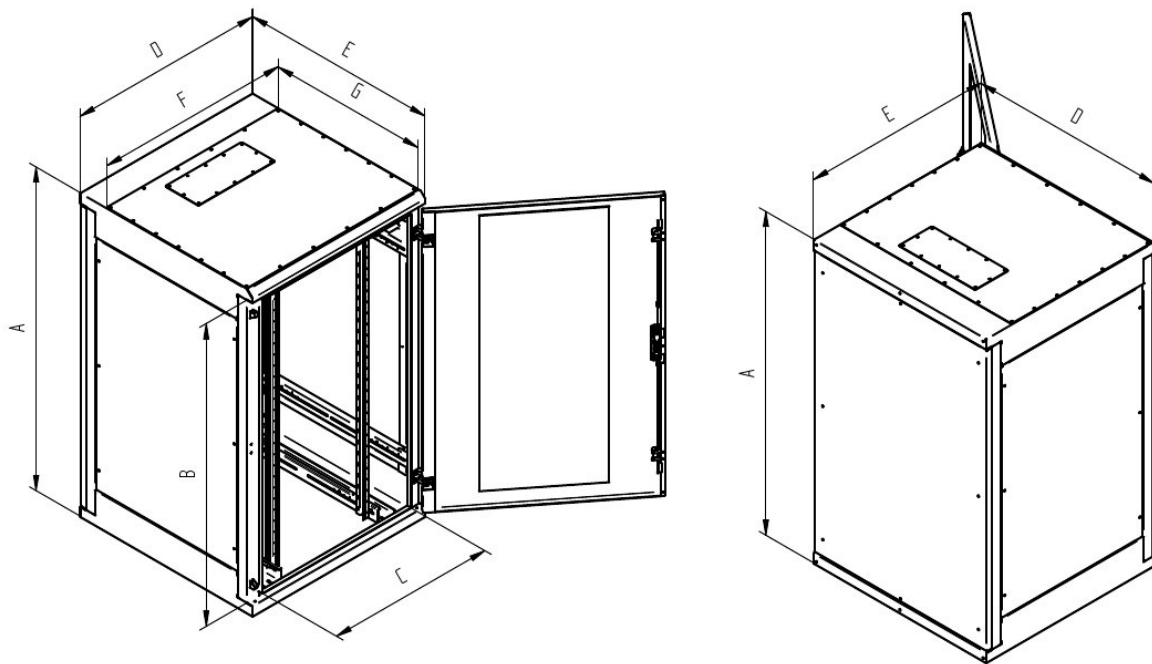
■ TECHNICAL DATA

- Welded, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 54
 - All doors, rear- and sidepanels, roof- and floor-openings are sealed, which ensures protection against dust and humidity.
 - Enclosure is without perforation for ventilation.
- Cooling:
 - Passive cooling by sharing heat with environment via chassis.
 - Active cooling by optional roof cooling-units DLT. An Installationkit with deflector is needed for installation, which can be in width- or depth- direction. Caution: Not every combination is possible. A list of available installationkits, you can find at the end of this chapter.
- Rear- and sidepanels: Fixed to frame by screws. Demountable.
- Cable Entry: 300x100mm in floor and roof. Covered by a sealed and screwed blanking panel. One blanking panel with cable-entry options is included in mounting set of each DSI. Method of cable leading inside the enclosure must correspond to requested IP protection level against dust and humidity.
- Roof prepared for installation of optional cooling units DLT by use of an installation-kit. When delivered, opening is closed by a screwed and sealed cover.
- Earthing:
 - M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Front-Glasdoor with 4mm safety glass, RAL7035. Three-point-locking with swinghandle and halfcylinder. Halfcylinder can be changed. Door can be opened 180°. Hinged right. Door cannot be changed to left hinging.
- Available upon request:
 - Enclosure with Frontdoor Glass, hinged left.
 - Enclosure with Frontdoor Fullmetall, hinged right or left.
 - Enclosure with Reardoor Glass, hinged right or left.
 - Enclosure with Reardoor Fullmetall, hinged right or left.
 - Server enclosure with max. load = 1.300kg
- 19" vertical rails (4 pieces): Galvanized, continuously depth-adjustable.
- In 800mm wide DSI enclosures, you can choose to adjust the 19" vertical rails to a width of 21" or 23".
- In 1.000 deep DSI enclosures, there is an additional pair of vertical rails installed in half depth. This allows installation of high depth accessories together with standard accessories at the same time.

■ Data-Enclosures Freestanding IP54 DSI

- An adapter-set (DFSZDS01) can be installed to the middle vertical rails, to support short accessories at the rear. Deep accessories can be supported in the middle.
- Included assembly materials:
 - 16 x Cage nuts, screws and washers M6.
 - 4 x Levelling feet.
- Wide range of available accessories (bases, fan-units, fixed shelves, patchpanels, cable management, PDUs, light-units, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

■ DIMENSIONS

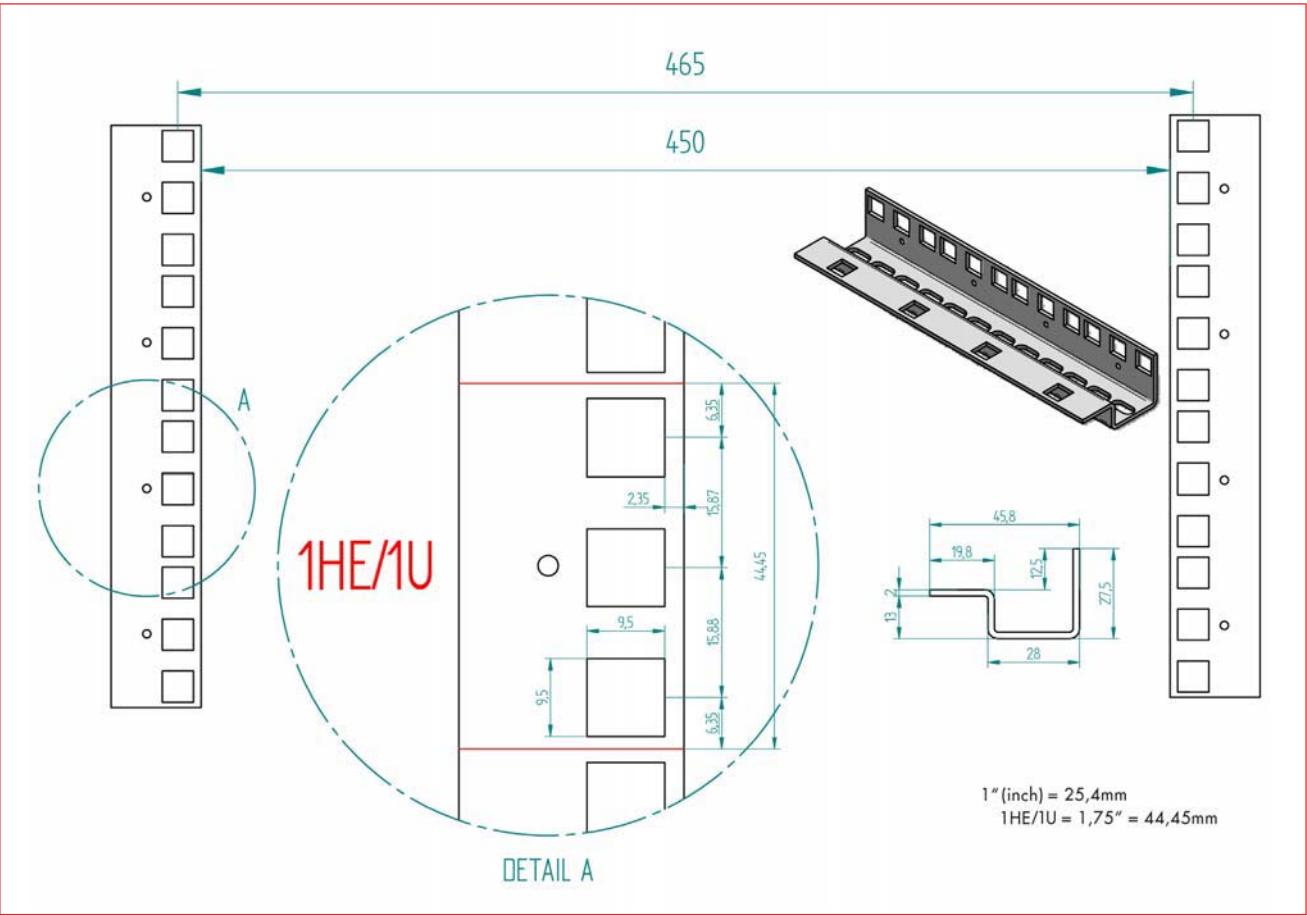


	A / mm	B / mm	C / mm	D / mm	E / mm	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)
DSI426060	1970	1868	487	600	600	400	IP54	35	37	510	575	-	-	90	83
DSI426010	1970	1868	487	600	1000	400	IP54	35	37	910	975	-	-	118	107
DSI428080	1970	1868	687	800	800	400	IP54	50	55	670	775	-	-	124	114
DSI428010	1970	1868	687	800	1000	400	IP54	50	55	870	975	-	-	142	128

- 1) Maximum load / kg at equal distribution
- 2) Degree of protection
- 3) Spacing between the front vertical 19"-rails and the door glass at the maximal span / mm
- 4) Spacing between the rear vertical 19"-rails and the rear cover at the maximal span / mm
- 5) Maximal spacing of vertical 19"-rails at free-standing enclosures / mm
- 6) Maximal available depth for installed devices when placed on shelves / mm
- 7) Roof opening with 19"-punching.
- 8) Floor opening with 19"-punching.
- 9) Weight Brutto / kg
- 10) Weight Netto / kg

Free-standing data enclosures 19"

- Data-Enclosures Freestanding IP54 DSI
- DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data-Enclosures Freestanding IP54 600 x 600mm		
Network Enclosure Freestanding DSI, W= 600 x H=1.970 x D= 600mm, 19", 42U, IP54		DSI426060
Data-Enclosures Freestanding IP54 600 x 1000mm		
Network Enclosure Freestanding DSI, W= 600 x H=1.970 x D=1.000mm, 19", 42U, IP54		DSI426010
Data-Enclosures Freestanding IP54 800 x 800mm		
Network Enclosure Freestanding DSI, W= 800 x H=1.970 x D= 800mm, 19", 42U, IP54		DSI428080
Data-Enclosures Freestanding IP54 800 x 1000mm		
Network Enclosure Freestanding DSI, W= 800 x H=1.970 x D=1.000mm, 19", 42U, IP54		DSI428010

Accessories



DLTI2000



DSOT1280



DFS14845-C



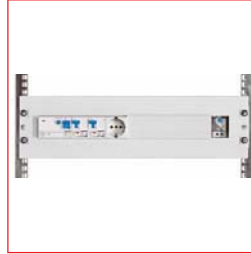
IU070126



DV900336-A



DBK14805



DAB34810



ASDRA400

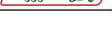
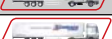
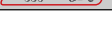
DESCRIPTION	AVAILABLE	ORDER NO.
Cooling Units		
Cooling Unit for installation on roof of DSI-enclosure, 1.400W, 575m3/h		DLTI1400
Cooling Unit for installation on roof of DSI-enclosure, 2.000W, 860m3/h		DLTI2000
Cooling Unit for installation on roof of DSI-enclosure, 2.800W, 860m3/h		DLTI2800
Cooling Unit for installation on roof of DSI-enclosure, 4.100W, 1.450m3/h		DLTI4100
Installationkits for Data-Enclosures IP54 600 x 600mm		
Installationskit DLT11400/2000 to DSI 600x600 in Width direction		DLTIZ66B 1
Installationkits for Data-Enclosures IP54 600 x 1000mm		
Installationskit DLT11400/2000 to DSI 600x1000 in Depth direction		DLTIZ61T 1
Installationskit DLT12800/4100 to DSI 600x1000 in Depth direction		DLTIZ61T 2
Installationskit DLT11400/2000 to DSI 600x1000 in Width direction		DLTIZ61B 1
Installationkits for Data-Enclosures IP54 800 x 800mm		
Installationskit DLT11400/2000 to DSI 800x800 in Depth direction		DLTIZ88T 1
Installationskit DLT11400/2000 to DSI 800x800 in Width direction		DLTIZ88B 1
Installationskit DLT12800/4100 to DSI 800x800 in Width direction		DLTIZ88B 2
Installationkits for Data-Enclosures IP54 800 x 1000mm		
Installationskit DLT11400/2000 to DSI 800x1000 in Depth direction		DLTIZ81T 1
Installationskit DLT12800/4100 to DSI 800x1000 in Depth direction		DLTIZ81T 2
Installationskit DLT11400/2000 to DSI 800x1000 in Width direction		DLTIZ81B 1
Installationskit DLT12800/4100 to DSI 800x1000 in Width direction		DLTIZ81B 2
Bases		
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035		DSOT1280
Base side-profile-pair, D=1000, H=120 for DS/DSZ/DSP, RAL7035		DSOT1210
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C



Order no. blue: on stock, usually ready for delivery on the day of order!

Free-standing data enclosures 19"

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19" „ Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U		DSKV4280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U		DSKV4580
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Door Switch		ASDSW010

Accessories

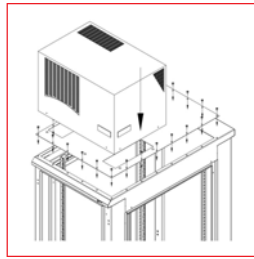
DESCRIPTION	AVAILABLE	ORDER NO.
Light Units		
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document Pocket, Self Adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050



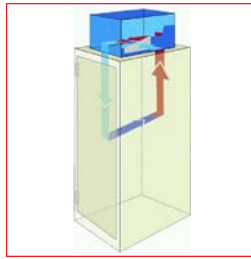
■ Cooling Units for Roof-Installation



DLTI1400



DLTI1400



DLTI1400

■ SCHRACK-INFO

For active temperature management of freestanding network enclosures DSI, we offer cooling units for roof-installation. The compact-sized DLTi-clima control cooling units are designed for cooling of equipment installed in DSI-enclosures. These cooling units are intended for both industrial and office use thanks to its RPM management of a cooling ventilator in compressor circuit. The cooling unit adjusts the RPM speed of the ventilator, which is a major cause of noise. It has a very positive affect on the noise reduction of the unit when maximal output capacity is not needed.

The cooling unit has two separate circuits for an air circulation:

- 1.) Inside circuit, which cools down all installed equipment and enters the cooling unit, where the hot air is transferred into a cooling medium
- 2.) Cooling circuit controlled by the compressor, which is cooled by an air stream that cools the cooling medium.

Thanks to this arrangement, the air from outside is not mixed with the air from inside the cabinet. Thus humidity inside the cabinet is not increasing.

It is very important to set up the cooling unit correctly and consider the surrounding temperature and humidity. Improper humidity can condense on the equipment or can freeze inside of the cooling unit which can lead to its damage. Humidity mostly increases while door of enclosure is open and cooling-unit is continuing to run. To avoid that, it is recommended to install a door switch, which shuts the compressor down automatically, when the door is opened.

The control unit of the cooling-unit, which includes the thermostat also, can be installed on two different positions on the cooling unit. So it is ensured that the display of the cooling unit is easily visible from the front, independent whether the cooling unit is installed in depth- or width- direction.

According to the dimensions of enclosure and cooling unit, it is possible to install the cooling unit in two ways. The correct installation-kit has to used.

- 1.) Installation of cooling unit in depth direction: Cold Air is blown into the enclosure in the front and warm air is sucked out from the enclosure in the rear.
- 2.) Installation of cooling unit in width direction: Cold Air is blown into the enclosure on the right side and warm air is sucked out from the enclosure on the left side.

For correct function of the cooling unit, it is necessary to provide sufficient air circulation and appropriate ambient air temperature. For more information please refer to the manual that comes with each cooling unit.

■ TECHNICAL DATA

OPERATING CONDITIONS

The DLTi cooling units are designed for function as roof units for free-standing cabinets in horizontal position. It is necessary to transport the units in horizontal position and install it accordingly. We offer installation-kits for DSI data cabinets, which seal the cooling unit at the cabinet body and which also direct the cold air flow inside the cabinet.

The units contain a drip tray, which collects condensated air humidity from the cooled space. Following is the evaporating tray where the condensed water is evaporated to the environment.

In case of unregular circumstances with increased condensed water (which can happen by higher air humidity, lowered temperature inside the cabinet, enclosure door left open...) it is necessary to install a safety pipe to guide the condensated water out of the enclosure.

Operation environment:

Min. ambient temperature in working condition: +20 °C

Max. ambient temperature in working condition: +50 °C

Adjustable temperature range: +25 to +45 °C

Recommendation:

With regard to the demand of a maximal life-time of the units equipment, those parameters are recommended for the inner environment of the enclosure.

Temperature limits: from +10 till + 40 °C

Relative humidity: 30 – 90 %

■ Cooling Units for Roof-Installation

Surface temperature of the inner equipment of the cabinet should not fall below the dewpoint temperature.

The cooling unit can be installed in the enclosure in the way that reaches all needs of a cold air demanded by used equipment.

There is an opening located in the roof of DSI enclosures, which require an installation-kit. The installation-kits are available for installation in depth- and width direction, depending on dimensions of enclosure and choosen cooling unit. In depth direction installation, the the cold/hot airflow is along the front/rear sides of the enclosure. In width direction installation, the cold/hot airflow is along the right/left sides of the enclosure.

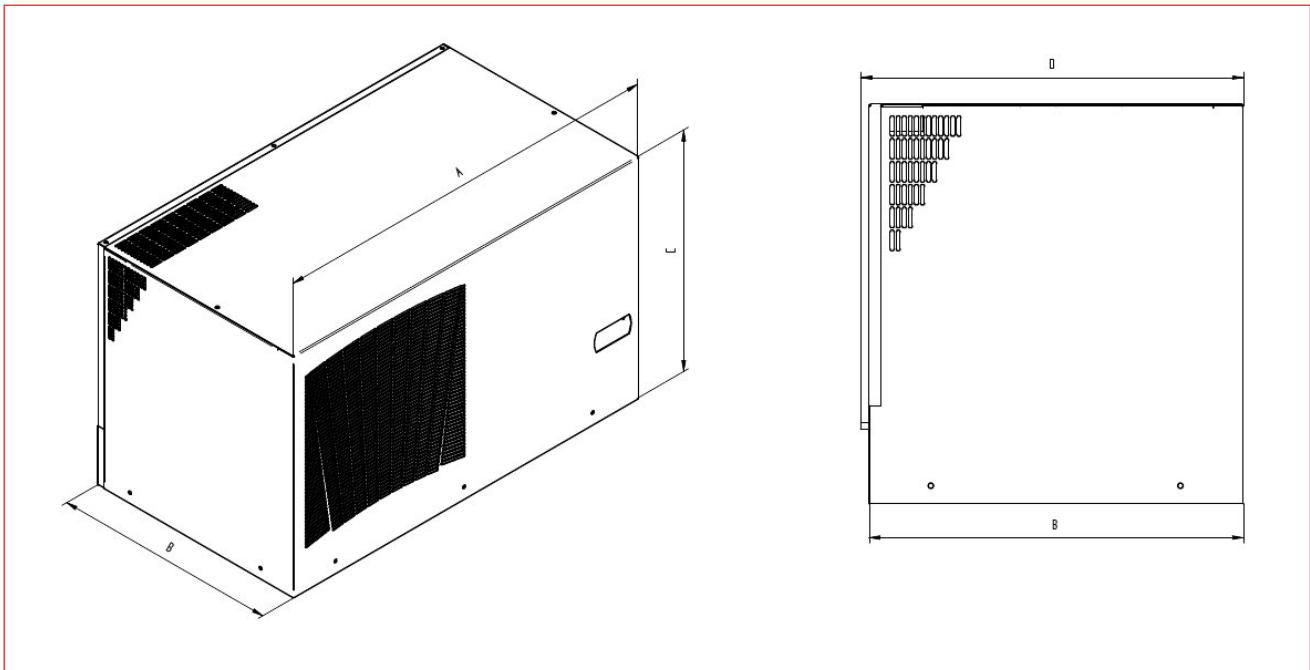
INSTALLATION:

To install a cooling unit to a DSI-enclosure, an installation-kit is needed.

It is a metallic panel which ties with screws to the large-sized opening in the roof of the enclosure where the installation of a cooling unit is required. All sizes of adapters are shown in table at the end of this chapter.

The control panel can be installed in two positions, depending whether cooling unit is installed in depth- or width- direction.

■ DIMENSIONS



Cooling Units for Roof-Installation

	A / mm	B / mm	C / mm	D / mm
DLTI1400	600	408	450	415
DLTI2000	600	408	450	415
DLTI2800	800	458	485	465
DLTI4100	800	458	485	465

DESCRIPTION	AVAILABLE	ORDER NO.
Cooling Units for Roof-Installation		
Cooling Unit for installation on roof of DSI-enclosure, 1.400W, 575m ³ /h		DLTI1400
Cooling Unit for installation on roof of DSI-enclosure, 2.000W, 860m ³ /h		DLTI2000
Cooling Unit for installation on roof of DSI-enclosure, 2.800W, 860m ³ /h		DLTI2800
Cooling Unit for installation on roof of DSI-enclosure, 4.100W, 1.450m ³ /h		DLTI4100
Data-Enclosures Freestanding IP54		
Network Enclosure Freestanding DSI, W= 600 x H=1.970 x D= 600mm, 19", 42U, IP54		DSI426060
Network Enclosure Freestanding DSI, W= 600 x H=1.970 x D=1.000mm, 19", 42U, IP54		DSI426010
Network Enclosure Freestanding DSI, W= 800 x H=1.970 x D= 800mm, 19", 42U, IP54		DSI428080
Network Enclosure Freestanding DSI, W= 800 x H=1.970 x D=1.000mm, 19", 42U, IP54		DSI428010
Installationkits for Data-Enclosures IP54 600 x 600mm		
Installationskit DLT11400/2000 to DSI 600x600 in Width direction		DLTIZ66B1
Installationkits for Data-Enclosures IP54 600 x 1000mm		
Installationskit DLT11400/2000 to DSI 600x1000 in Depth direction		DLTIZ61T1
Installationskit DLT12800/4100 to DSI 600x1000 in Depth direction		DLTIZ61T2
Installationskit DLT11400/2000 to DSI 600x1000 in Width direction		DLTIZ61B1
Installationkits for Data-Enclosures IP54 800 x 800mm		
Installationskit DLT11400/2000 to DSI 800x800 in Depth direction		DLTIZ88T1
Installationskit DLT11400/2000 to DSI 800x800 in Width direction		DLTIZ88B1
Installationskit DLT12800/4100 to DSI 800x800 in Width direction		DLTIZ88B2
Installationkits for Data-Enclosures IP54 800 x 1000mm		
Installationskit DLT11400/2000 to DSI 800x1000 in Depth direction		DLTIZ81T1
Installationskit DLT12800/4100 to DSI 800x1000 in Depth direction		DLTIZ81T2
Installationskit DLT11400/2000 to DSI 800x1000 in Width direction		DLTIZ81B1
Installationskit DLT12800/4100 to DSI 800x1000 in Width direction		DLTIZ81B2

Industrial Control-Enclosure IP30 DSP



DSP376063

SCHRACK-INFO

Enclosure for control-systems with input-devices and displays or for computers with keyboard, mouse and monitor. Used if no protection against dust and humidity is required, e.g. in office-like (clean, no dust) production halls or similar environments. The installed equipment is often the central- or a sub- control station for the production machines of a factory. Passive cooling of the installed devices by ventilation slots in roof and floor. Active cooling by use of the optional roof-fan-units. Cable-entry is very flexible due to several prepared openings and the optional base. The lockable departments of the enclosure provide protection against unauthorized access.

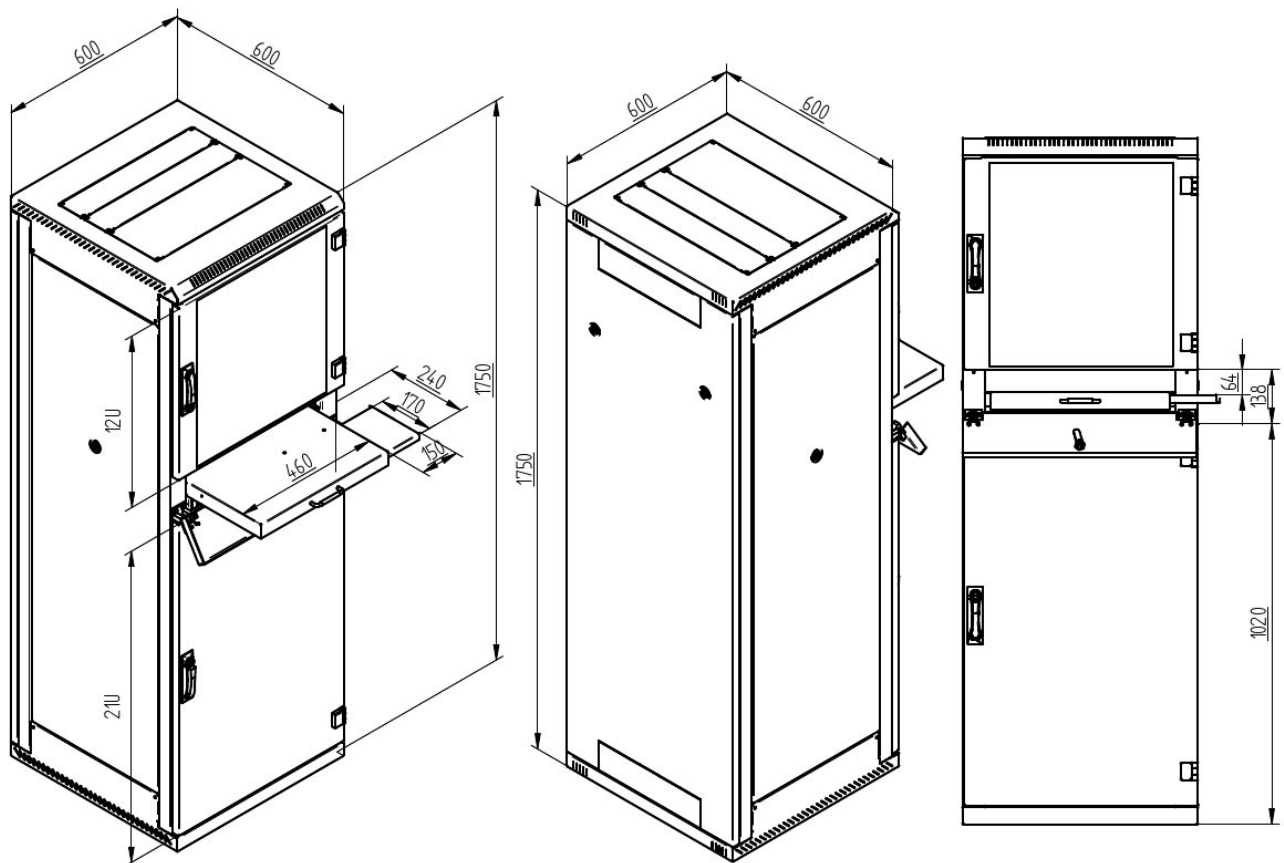
TECHNICAL DATA

- Welded, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 30
 - Ventilation slots in floor and roof.
 - Cable-entry and installation of roof-fan-units prepared.
- Cooling:
 - Passive cooling by ventilation slots.
 - Active cooling by installation of optional roof-fan-unit DLT4480x-A.
- Removeable and lockable side- and rear- panels. Key included.
- Cable entry options:
 - Roof: For dust-protection, we recommend the use of the optional cable-entry-panel DBK24800.
 - Rear panel.
 - Floor: Improved cable-entry by use of the optional base DOT1260 + DSOF126x.
- Roof: 8U deep roof opening, flexible covered with 1 x 4U and 2 x 2U cover plates.
- Roof installation options:
 - 1 x Roof-fan-unit 4U (DLT44801-A, DLT44802-A, DLT44803-A) and 1 x oder 2x (in opposite direction) cable-entry-panel with brush 2U (DBK24800).
 - 2x Roof-fan-unit 4U (DLT44801-A, DLT44802-A, DLT44803-A). Cable-entry via rear-panel or floor.
 - 1 x Roof-fan-unit 8U (DLT44806-A). Cable-entry via rear-panel or floor.
- Departments: 3
 - Separation of upper and lower departments by pre-installed 350 mm deep sliding shelf for keyboard and mouse.
 - Cable-guiding in rear part of the enclosure.
 - Vertical cable-management can be flexibly organized by use of optional cable-organizers DBKO8080.
- Bottom department:
 - Used for control-unit or computer.
 - 21 U / 934 mm.
 - Fullmetal door RAL 7035. Swinghandle prepared for half-cylinder type locks. Halfcylinder lock (Order-number: DV900333 / DV900335) optional available. Door can be opened 180°. Hinged right.
 - Two pairs galvanized, vertical 19"-rails, 21 U. Continuously depth-adjustable.

Industrial Control-Enclosure IP30 DSP

- Middle department:
 - Used for input-device or keyboard and mouse.
 - 4U / 178 mm.
 - Fullmetal door RAL 7035, folding, single point lock.
 - Sliding shelf W=460 mm, D=350 mm for keyboard and mouse pre-installed. Usable depth if fully drawn out: 240 mm.
 - Mouse-shelf W=150 mm, D=170 mm can be drawn out under right side of keyboard shelf.
 - Keyboard and mouse not included in delivery.
- Top department:
 - Used for display-device or computer monitor.
 - 12U / 534 mm.
 - Glasdoor, 4 mm safety glass RAL7035. Swinghandle prepared for half-cylinder type locks. Halfcylinder lock (Order-number: DV900333 / DV900335) optional available. Door can be opened 180°. Hinged right.
 - Two pairs galvanized, vertical 19"-rails, 12U. Continuously depth-adjustable.
 - Optional a fixed shelf with 350 mm (DFS14835-C), 450 mm (DFS14845-C) or 550 mm (DFS14855-C) depth can be installed to put display devices or computer monitors on it.
- Earthing:
 - M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.

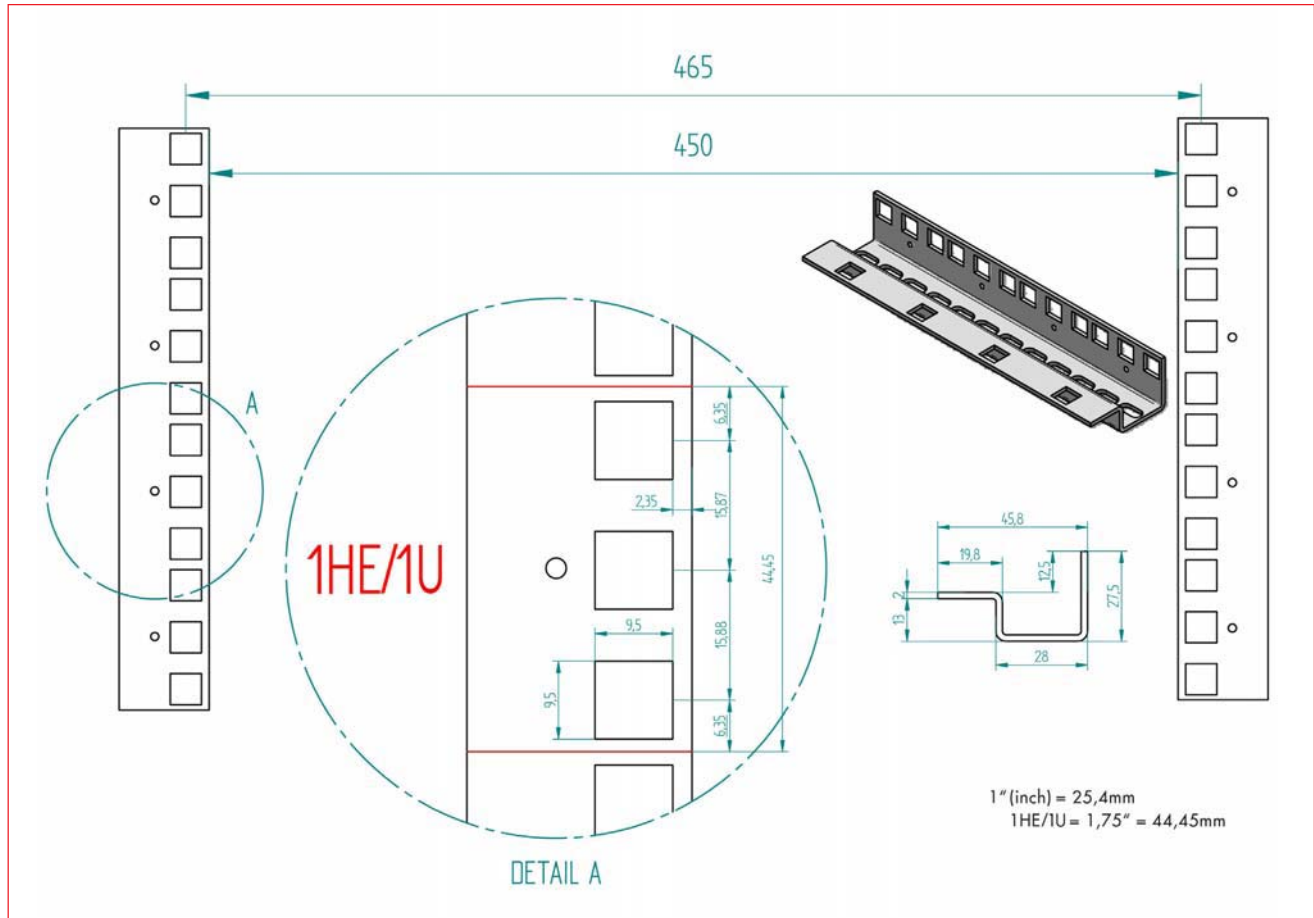
DIMENSIONS



Industrial Control-Enclosure IP30 DSP

	Maximum load / kg	Degree of protection	Weight Brutto / kg	Weight Netto / kg
DSP376063	400	IP30	79	72

DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Industrial Control-Enclosure IP30 DSP		
Industrial Enclosure Freestanding DSP W600xH1750xD600, 19", 37U, IP30		DSP376063

Accessories



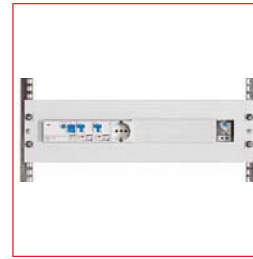
DFS14845-C



IU070126



DBK14805



DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
Roof Fan-Units		
Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A
Bases		
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14806

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Management		
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Door Switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and door switch ASDSW010		DSADA001
Cable for door switch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document Pocket, Self Adhesive, DIN A4		ASDRA400
Halfcylinder-Lock		
Halfcylinderlock keyed EK 333 including 1 key		DV900333
Key 333 for Halfcylinderlock DV900333		DV900334
Halfcylinderlock different keyed including 1 key		DV900335
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050



Industrial Control-Enclosure IP54 DSP



DSP376065

SCHRACK-INFO

Enclosure for control-systems with input-devices and displays or for computers with keyboard, mouse and monitor. Used when protection against dust and humidity is required, e.g. in production halls, warehouses or similar environments. Special construction for rough, dusty environments. Installed equipment is worth to be especially protected and/or equipment needs special protection due to environmental conditions (dust, humidity). The installed equipment is often the central- or a sub- control station for the production machines of a factory. Best availability of the (production-) machinery is achieved due to the special protection of the installed equipment (the control station) against dust and humidity (Protection IP54). Machinery down-time due to defect of control station because of dust or humidity is avoided. The lockable departments of the enclosure provide protection against unauthorized access.

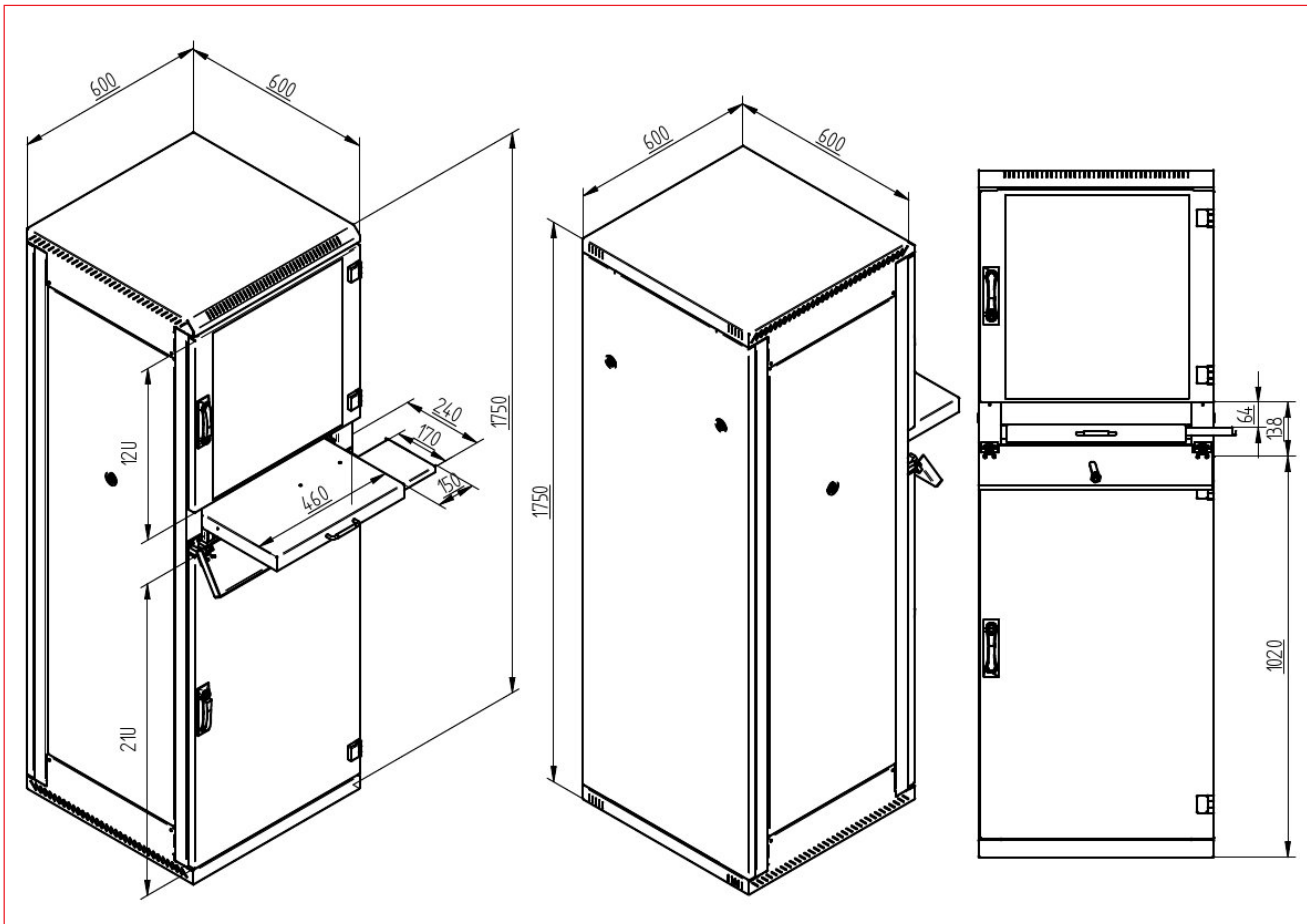
TECHNICAL DATA

- Welded, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 54
 - All doors, rear- and sidepanels, roof- and floor-openings are sealed, which ensures protection against dust and humidity.
 - Enclosure is without perforation for ventilation.
 - Passive cooling by sharing heat with environment via chassis.
- Rear- and sidepanels: Fixed to frame by screws. Demountable.
- Earthing:
 - M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Departments: 3
 - Separation of upper and lower departments by pre-installed 350 mm deep sliding shelf for keyboard and mouse.
 - Cable-guiding in rear part of the enclosure.
 - Vertical cable-management can be flexibly organized by use of optional cable-organizers DBKO8080.
- Bottom department:
 - Used for control-unit or computer.
 - 21 U / 934 mm.
 - Fullmetal door RAL 7035. Swinghandle with halfcylinder included. Same key as other locks. Halfcylinder can be changed. Door can be opened 180°. Hinged right.
 - Two pairs galvanized, vertical 19"-rails, 21 U. Continuously depth-adjustable.
- Middle department:
 - Used for input-device or keyboard and mouse.
 - 4 U / 178 mm.
 - Fullmetal door RAL 7035, folding, single point lock.
 - Sliding shelf W=460 mm, D=350 mm for keyboard and mouse pre-installed. Usable depth if fully drawn out: 240 mm.
 - Mouse-shelf W=150 mm, D=170 mm can be drawn out under right side of keyboard shelf.
 - Keyboard and mouse not included in delivery.
- Top department:
 - Used for display-device or computer monitor.

Industrial Control-Enclosure IP54 DSP

- 12U / 534 mm.
- Glasdoor, 4 mm safety glass RAL7035. Swinghandle with halfcylinder included. Same key as other locks. Halfcylinder can be changed. Door can be opened 180°. Hinged right.
- Two pairs galvanized, vertical 19"-rails, 12U. Continuously depth-adjustable.
- Optional a fixed shelf with 350 mm (DFS14835-C), 450 mm (DFS14845-C) or 550 mm (DFS14855-C) depth can be installed to put display devices or computer monitors on it.
- Included assembly materials: 16 x Cage nuts, screws and washers M6.
- Wide range of available accessories (fixed shelves, patchpanels, cable management, PDUs, light-units, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

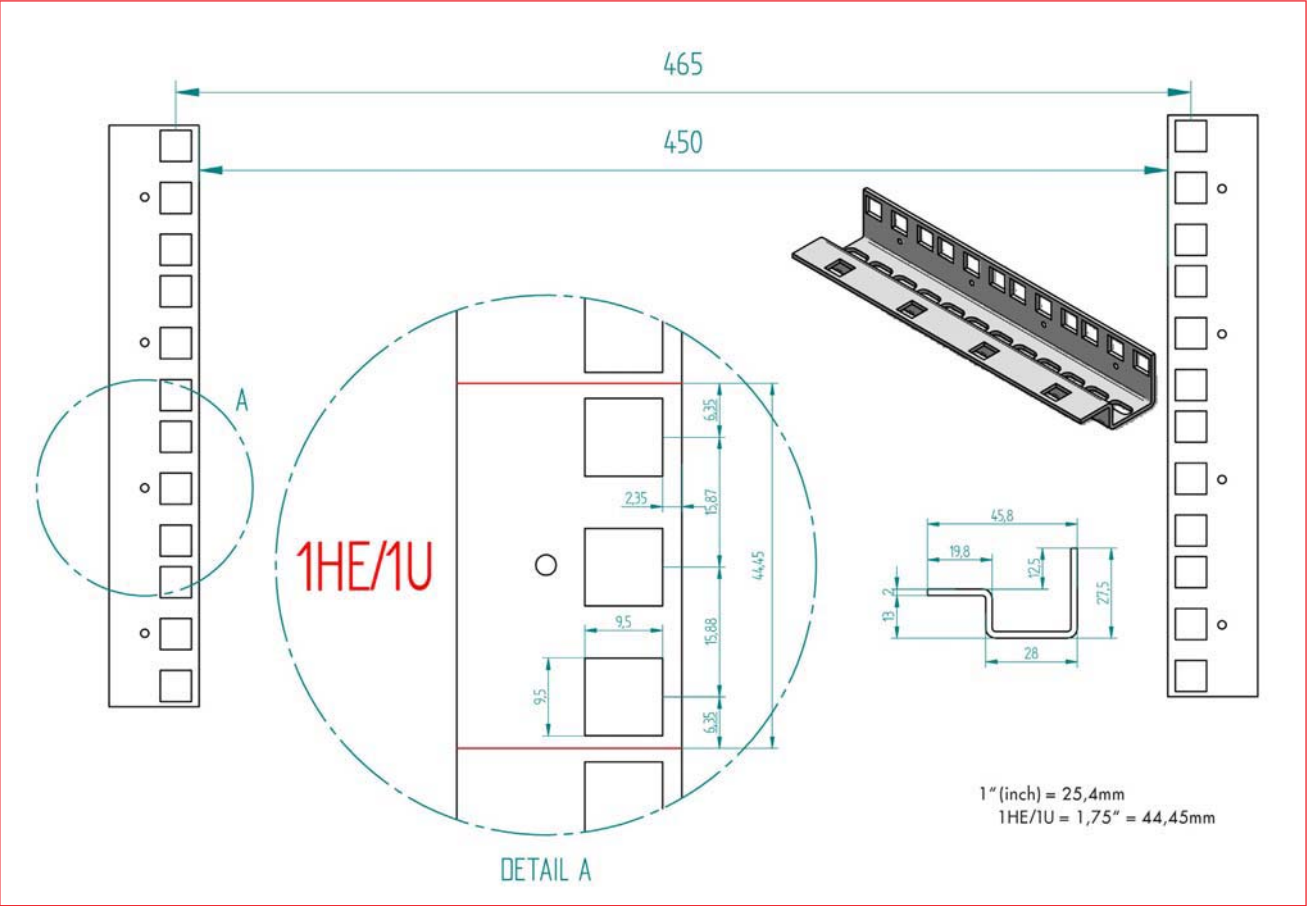
DIMENSIONS



	Maximum load / kg	Degree of protection	Weight Brutto / kg	Weight Netto / kg
DSP376065	400	IP30	92	85

Free-standing data enclosures 19"

- Industrial Control-Enclosure IP54 DSP
- DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Industrial Control-Enclosure IP54 DSP		
Industrial Enclosure Freestanding DSP W600xH1750xD600, 19", 37U, IP54		DSP376065

Accessories



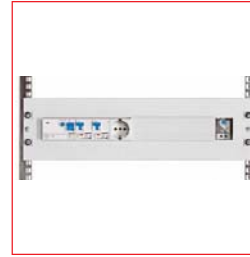
DFS14845-C



IU070126



DBK14805



DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFS54845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFS54855-A
Bases		
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKKBK25HS



Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Management		
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Door Switch		ASDSW010
Cable for door switch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document Pocket, Self Adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050

■ Data-Enclosures Wallmounting Monobloc with removeable sidepanels IP30



DW156050

■ SCHRACK-INFO

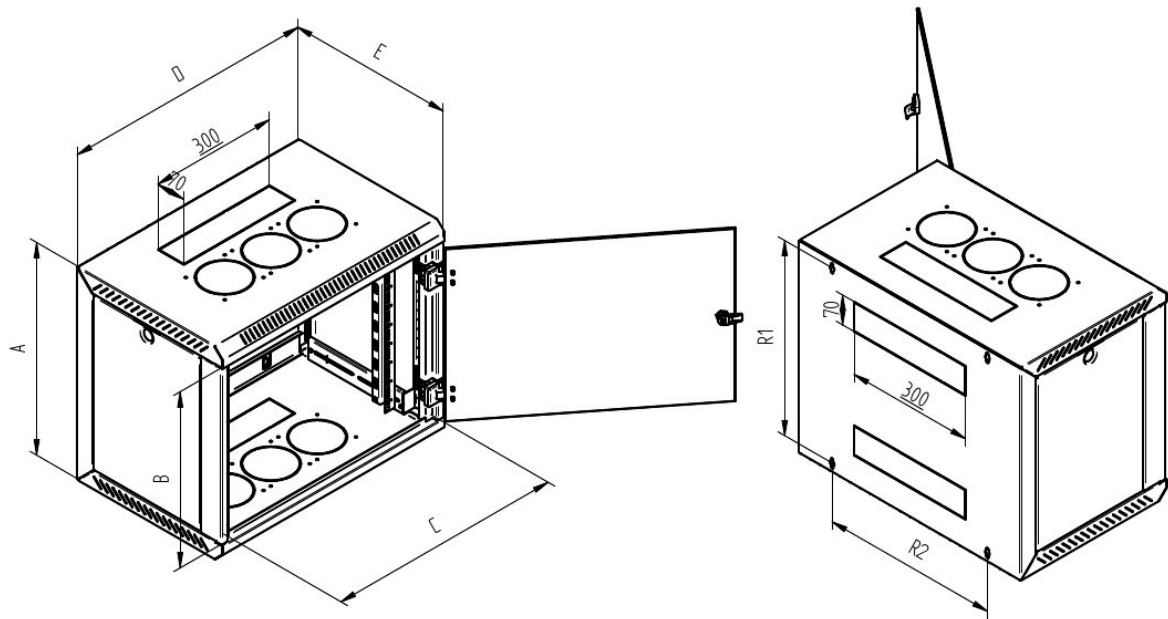
19"-wallmounting network enclosures. Mostly used in offices and similar environments like private flats or houses. Used as central enclosures in small to medium sized network cabling systems or as sub enclosures in medium to big sized network cabling systems. The removable sidepanels allow comfortable and easy access to the installed devices for maintenance, repair, etc. For active cooling, it is possible to install optional fans into the roof and/or floor.

■ TECHNICAL DATA

- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glas 5mm including lock and 2 keys.
 - Door hinged right.
 - Door opening: ca. 180°
 - Fullmetall- and perforated doors available as an option
 - Doors with swinghandle prepared for halfcylinders as an option.
- Removable sidepanels with lock and keys.
- 19" vertical rails (2 pieces) in front of enclosure, galvanized, continuously depth-adjustable.
- Rear 19"-mounting can be achieved by installation of a second 19"-profile-rail-pair DWPROF/DSPROF. Caution: 2 pieces profile-rails have to be ordered.
- Roof and floor with 3 openings each for optional fan DLT12121. Covered with „break-out style“ blanking covers, which can be easily broken out by use of a simple tool like a screwdriver.
- Cable-entry-openings in roof (1x), floor (1x) and rearpanel (2x). Covered with „break-out style“ blanking covers, which can be easily broken out by use of a simple tool like a screwdriver.
- Cable-entry-panel with brush included (1x).
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
 - Active cooling by optional fan(s) DLT12121. Max. 6 pieces per enclosure (3 pieces each can be installed in roof and floor).
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:
 - 8 x Cage nuts, screws and washers M6.
 - 4x dowel 10x50 and 4x screws M6x50 for fixing to the wall.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, cable management, doors, etc.).
- Enclosure is delivered fully-assembled.

■ Data-Enclosures Wallmounting Monobloc with removeable sidepanels IP30

■ DIMENSIONS

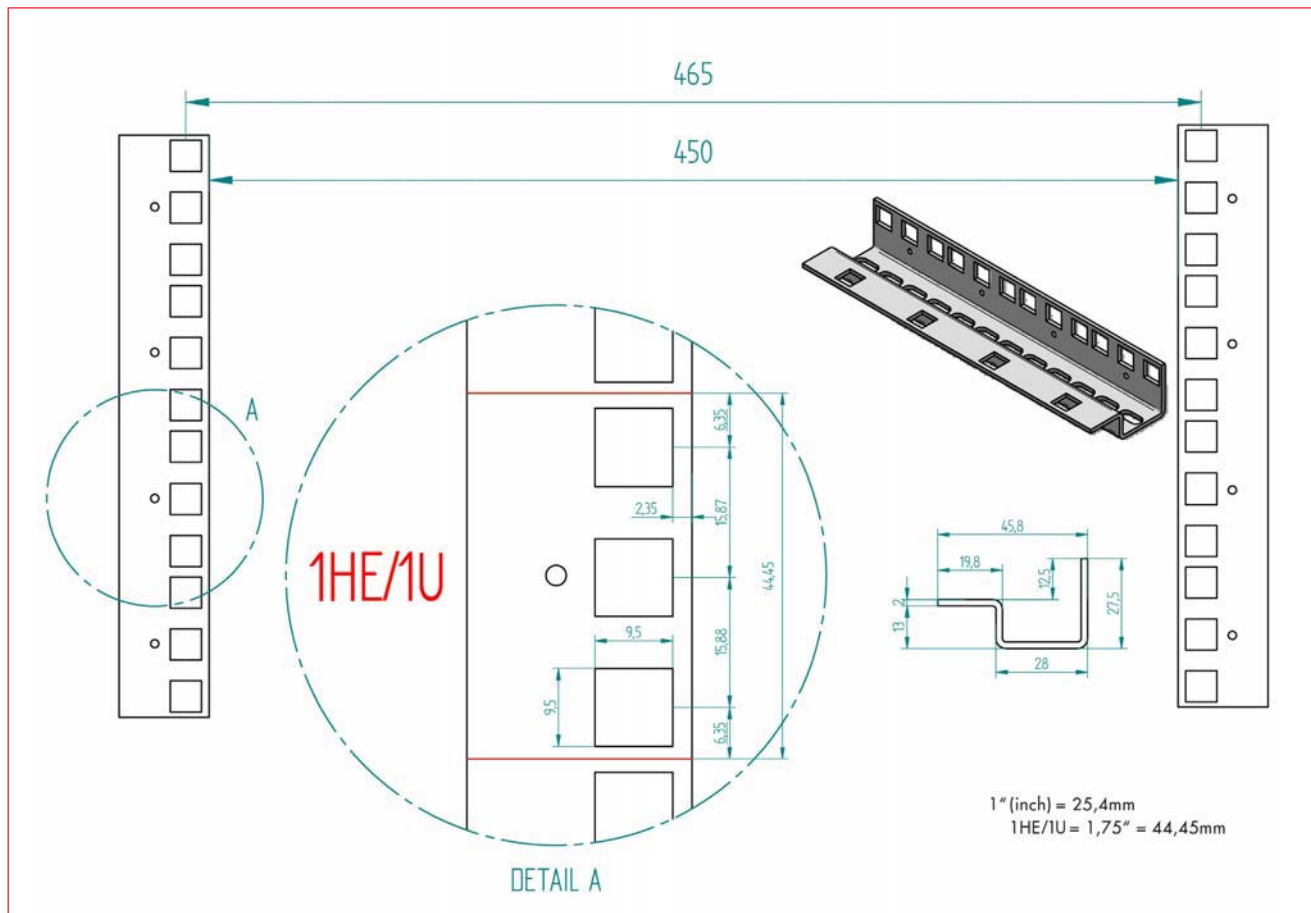


	A / mm	B / mm	C / mm	D / mm	E / mm	R1 / mm	R2 / mm	1)	2)	3)	4)
DW066050	370	265	530	600	495	324	420	30	IP30	17,3	17
DW096050	500	395	530	600	495	454	420	30	IP30	20,6	20,3
DW126050	635	530	530	600	495	589	420	30	IP30	24	23,7
DW156050	770	665	530	600	495	724	420	30	IP30	27,4	27,1
DW186050	900	795	530	600	495	854	420	30	IP30	30,7	30,3
DW096060	500	395	530	600	595	454	420	25	IP30	22,7	22,4
DW126060	635	530	530	600	595	589	420	25	IP30	26,3	26
DW156060	770	665	530	600	595	724	420	25	IP30	30	29,6

- 1) Maximum load / kg
2) Degree of protection
3) Weight Brutto / kg
4) Weight Netto / kg

■ Data-Enclosures Wallmounting Monobloc with removeable sidepanels IP30

■ DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data-Enclosures Wallmounting D=495mm		
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=370xD=495mm, 19", 6U,RAL7035		DW066050
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=500xD=495mm, 19", 9U,RAL7035		DW096050
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=635xD=495mm, 19", 12U,RAL7035		DW126050
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=770xD=495mm, 19", 15U,RAL7035		DW156050
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=900xD=495mm, 19", 18U,RAL7035		DW186050
Data-Enclosures Wallmounting D=595mm		
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=500xD=595mm, 19", 9U,RAL7035		DW096060
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=635xD=595mm, 19", 12U,RAL7035		DW126060
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=770xD=595mm, 19", 15U,RAL7035		DW156060

Accessories



DLT12121



DWRT1261



DWRT1267



DFS14835-C



IU070126



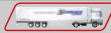
DV900336-A



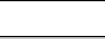
DBS14805



DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Fan-Unit		
Fan-unit, 1x Fan, Cable with On/Off-Switch, Filter and Grille for DWxx6050/DWxx6060		DLT12121
Doors		
Full Metal Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0660
Perforated Metal Door 80% for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0661
Glas Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0663
Full Metal Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0666
Glas Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0667
Full Metal Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0960
Perforated Metal Door 80% for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0961
Glas Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0963
Full Metal Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0966
Glas Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0967
Full Metal Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1260
Perforated Metal Door 80% for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1261
Glas Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1263
Full Metal Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1266
Glas Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1267
Full Metal Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1560
Perforated Metal Door 80% for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1561
Glas Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1563
Full Metal Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1566
Glas Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1567
Full Metal Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1860
Perforated Metal Door 80% for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1861
Glas Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1863
Full Metal Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1866
Glas Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1867
Full Metal Door for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2160
Perforated Metal Door 80% for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2161
Glas Door for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2163
Full Metal Door for DW-enclosure 21U, W=600, Halfcylinder ready, RAL7035		DWRT2166
Glas Door for DW-enclosure 21U, W=600, Halfcylinder ready, RAL7035		DWRT2167

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Profile Rails (to be used in rear, please order in pairs)		
19" Profile rail 6U for DW-enclosures		DWPROF06
19" Profile rail 9U for DW-enclosures		DWPROF09
19" Profile rail 12U for DW-enclosures		DWPROF12
19" Profile rail 15U for DS-, DSZ-, DSI- and DW-enclosures		DSPROF15
19" Profile rail 18U for DS-, DSZ-, DSI- and DW-enclosures		DSPROF18
19" Profile rail 21U for DW-enclosures		DWPROF21
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Cable Management		
19" Cable management panel, 5 small plastic-rings 40x40mm, 1U, RAL7035		DBS14805
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKKB25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKKB25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
19" Cable management panel with 4 openings, 5 small plastic-rings 40x40mm, 1U, RAL7035		DBS14806
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document Pocket, Self Adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Halfcylinderlock keyed EK 333 including 1 key		DV900333



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Data-Enclosures Wallmounting Monobloc IP30



DW126040

■ SCHRACK-INFO

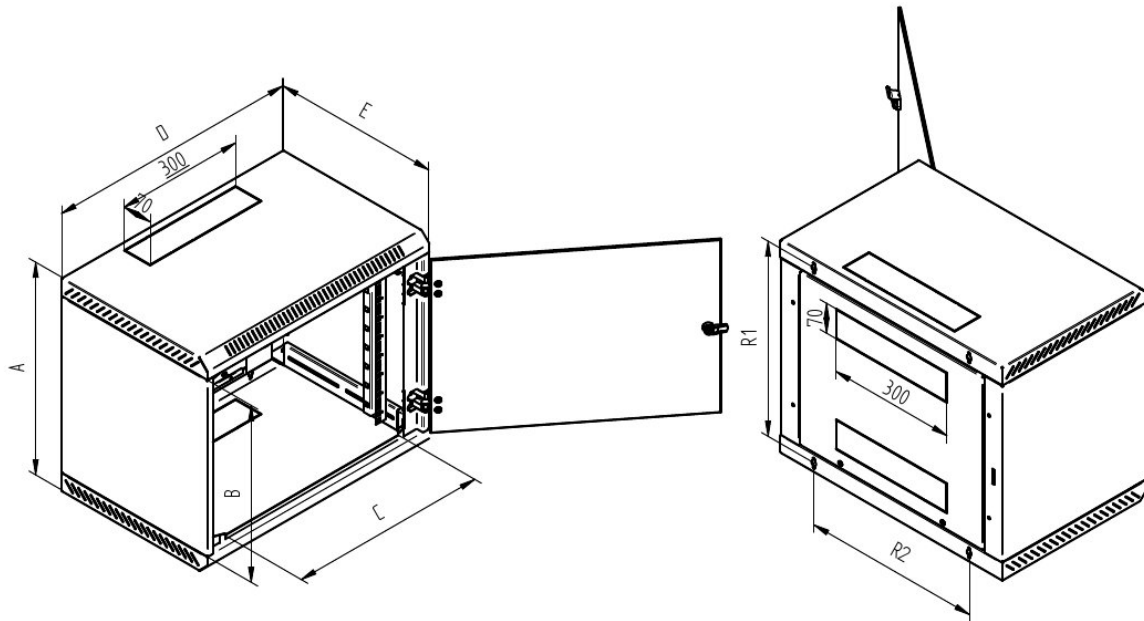
19"-wallmounting network enclosures. Mostly used in offices and similar environments like private flats or houses. Used as central enclosures in small to medium sized network cabling systems or as sub enclosures in medium to big sized network cabling systems. Cost effective standard version.

■ TECHNICAL DATA

- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glass 5mm including lock and 2 keys.
 - Door hinged right.
 - Door opening: ca. 180°
 - Fullmetall- and perforated doors available as an option
 - Doors with swinghandle prepared for halfcylinder as an option.
- 19" vertical rails (2 pieces) in front of enclosure, galvanized, continuously depth-adjustable.
- Rear 19"-mounting can be achieved by installation of shelf-holder-set DFSZDW01.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Cable-entry-panel with brush included (1x).
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:
 - 8 x Cage nuts, screws and washers M6.
 - 4x dowel 10x50 and 4x screws M6x50 for fixing to the wall.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, cable management, doors, etc.).
- Enclosure is delivered fully-assembled.

■ Data-Enclosures Wallmounting Monobloc IP30

■ DIMENSIONS



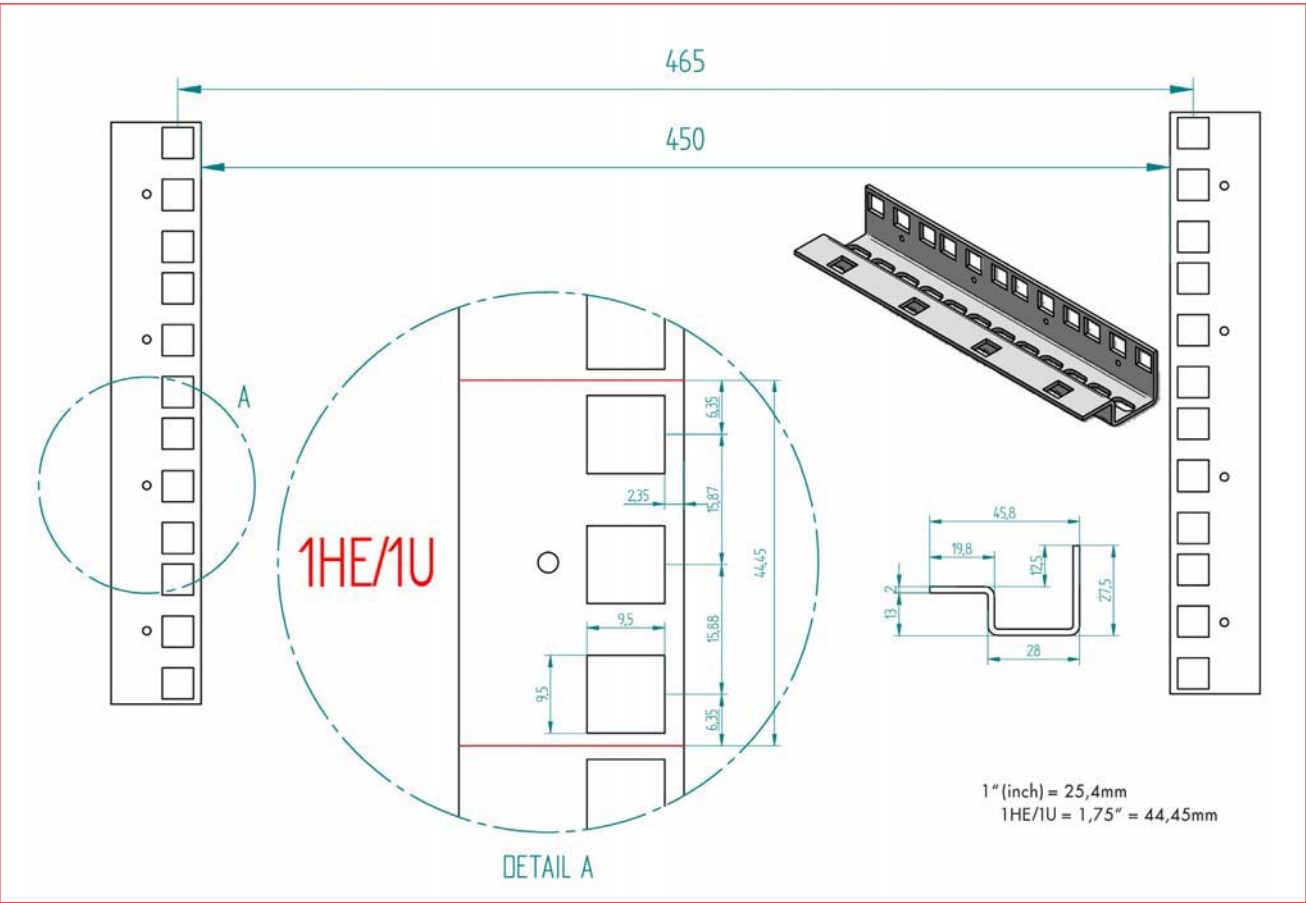
	A / mm	B / mm	C / mm	D / mm	E / mm	R1 / mm	R2 / mm	1)	2)	3)	4)
DW046040	280	175	516	600	395	234	420	30	IP30	12,7	12,4
DW066040	370	265	516	600	395	324	420	30	IP30	14,8	14,5
DW096040	500	395	516	600	395	454	420	30	IP30	17,8	17,4
DW126040	635	530	516	600	395	589	420	30	IP30	20,9	20,5
DW156040	770	665	516	600	395	724	420	30	IP30	24	23,6
DW186040	900	795	516	600	395	854	420	30	IP30	27	26,6

- 1) Maximum load / kg
- 2) Degree of protection
- 3) Weight Brutto / kg
- 4) Weight Netto / kg

Wall-mounted data enclosures 19"

■ Data-Enclosures Wallmounting Monobloc IP30

■ DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data-Enclosures Wallmounting D=395mm		
Network Enclosure Wallmount DW Monobloc, W=600 x H=280 x D=395mm, 19", 4U, RAL7035		DW046040
Network Enclosure Wallmount DW Monobloc, W=600 x H=370 x D=395mm, 19", 6U, RAL7035		DW066040
Network Enclosure Wallmount DW Monobloc, W=600 x H=500 x D=395mm, 19", 9U, RAL7035		DW096040
Network Enclosure Wallmount DW Monobloc, W=600 x H=635 x D=395mm, 19", 12U, RAL7035		DW126040
Network Enclosure Wallmount DW Monobloc, W=600 x H=770 x D=395mm, 19", 15U, RAL7035		DW156040
Network Enclosure Wallmount DW Monobloc, W=600 x H=900 x D=395mm, 19", 18U, RAL7035		DW186040

Accessories



DWRT1261



DWRT1267



DFS14835-C



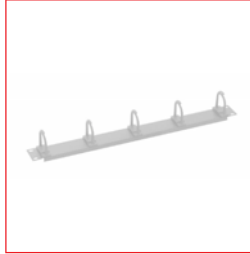
DFSZDW01



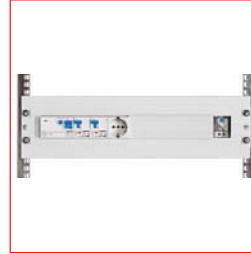
IU070126



DV900336-A



DBS14805



DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Doors		
Full Metal Door for DW-enclosure 4U, W=600, Standard Lock, RAL7035		DWRT0460
Perforated Metal Door 80% for DW-enclosure 4U, W=600, Standard Lock, RAL7035		DWRT0461
Glas Door for DW-enclosure 4U, W=600, Standard Lock, RAL7035		DWRT0463
Full Metal Door for DW-enclosure 4U, W=600, RAL7035, Halfcylinder ready		DWRT0466
Glas Door for DW-enclosure 4U, W=600, RAL7035, Halfcylinder ready		DWRT0467
Full Metal Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0660
Perforated Metal Door 80% for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0661
Glas Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0663
Full Metal Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0666
Glas Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0667
Full Metal Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0960
Perforated Metal Door 80% for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0961
Glas Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0963
Full Metal Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0966
Glas Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0967
Full Metal Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1260
Perforated Metal Door 80% for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1261
Glas Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1263
Full Metal Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1266
Glas Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1267
Full Metal Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1560
Perforated Metal Door 80% for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1561
Glas Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1563
Full Metal Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1566
Glas Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1567
Full Metal Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1860
Perforated Metal Door 80% for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1861
Glas Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1863
Full Metal Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1866
Glas Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1867
Full Metal Door for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2160
Perforated Metal Door 80% for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2161



Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Doors		
Glas Door for DW-enclosure 21 U, W=600, Standard Lock, RAL7035		DWRT2163
Full Metal Door for DW-enclosure 21 U, W=600, Halfcylinder ready, RAL7035		DWRT2166
Glas Door for DW-enclosure 21 U, W=600, Halfcylinder ready, RAL7035		DWRT2167
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1 U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1 U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1 U, RAL7035		DFS14835-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
Shelf Holders		
19" Shelf holder for back of DW-enclosure with fixed sidepanel		DFSZDW01
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1 U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1 U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1 U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1 U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1 U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1 U, RAL7035		HSMPE506
19" PDU, 12xIEC C13, Profile ALU 1 U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1 U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1 U, RAL7035		HSMPEU06
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Cable Management		
19" Cable management panel, 5 small plastic-rings 40x40mm, 1 U, RAL7035		DBS14805
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
19" Cable management panel with 4 openings, 5 small plastic-rings 40x40mm, 1 U, RAL7035		DBS14806
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document Pocket, Self Adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Halfcylinderlock keyed EK 333 including 1 key		DV900333

■ Data-Enclosures Wallmounting Dualbloc IP30



DW12605D

■ SCHRACK-INFO

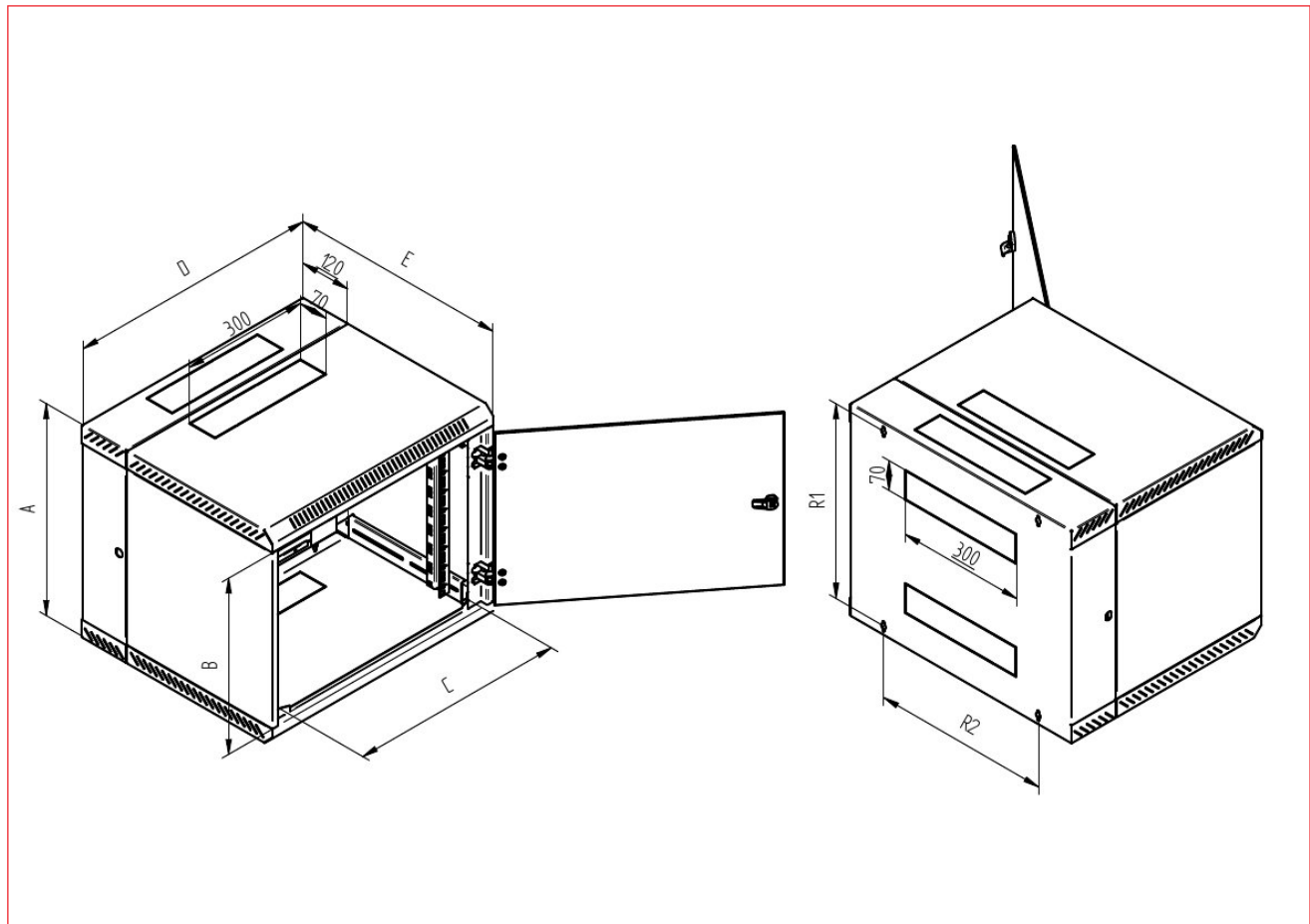
19"-wallmounting network enclosures. Mostly used in offices and similar environments like private flats or houses. Used as central enclosures in small to medium sized network cabling systems or as sub enclosures in medium to big sized network cabling systems. Dualbloc construction allows opening and swinging aside of the body and thus access from one side to the rear of installed components for maintenance or repair.

■ TECHNICAL DATA

- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glass 5mm including lock and 2 keys.
 - Door hinged right.
 - Door opening: ca. 180°
 - Fullmetall- and perforated doors available as an option
 - Doors with swinghandle prepared for halfcylinders as an option.
- 19" vertical rails (2 pieces) in front of enclosure, galvanized, continuously depth-adjustable.
- Rear 19"-mounting can be achieved by installation of shelf-holder-set DFSZDW01.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Cable-entry-panel with brush included (1x).
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:
 - 8 x Cage nuts, screws and washers M6.
 - 4x dowel 10x50 and 4x screws M6x50 for fixing to the wall.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, cable management, doors, etc.).
- Enclosure is delivered fully-assembled.

■ Data-Enclosures Wallmounting Dualbloc IP30

■ DIMENSIONS

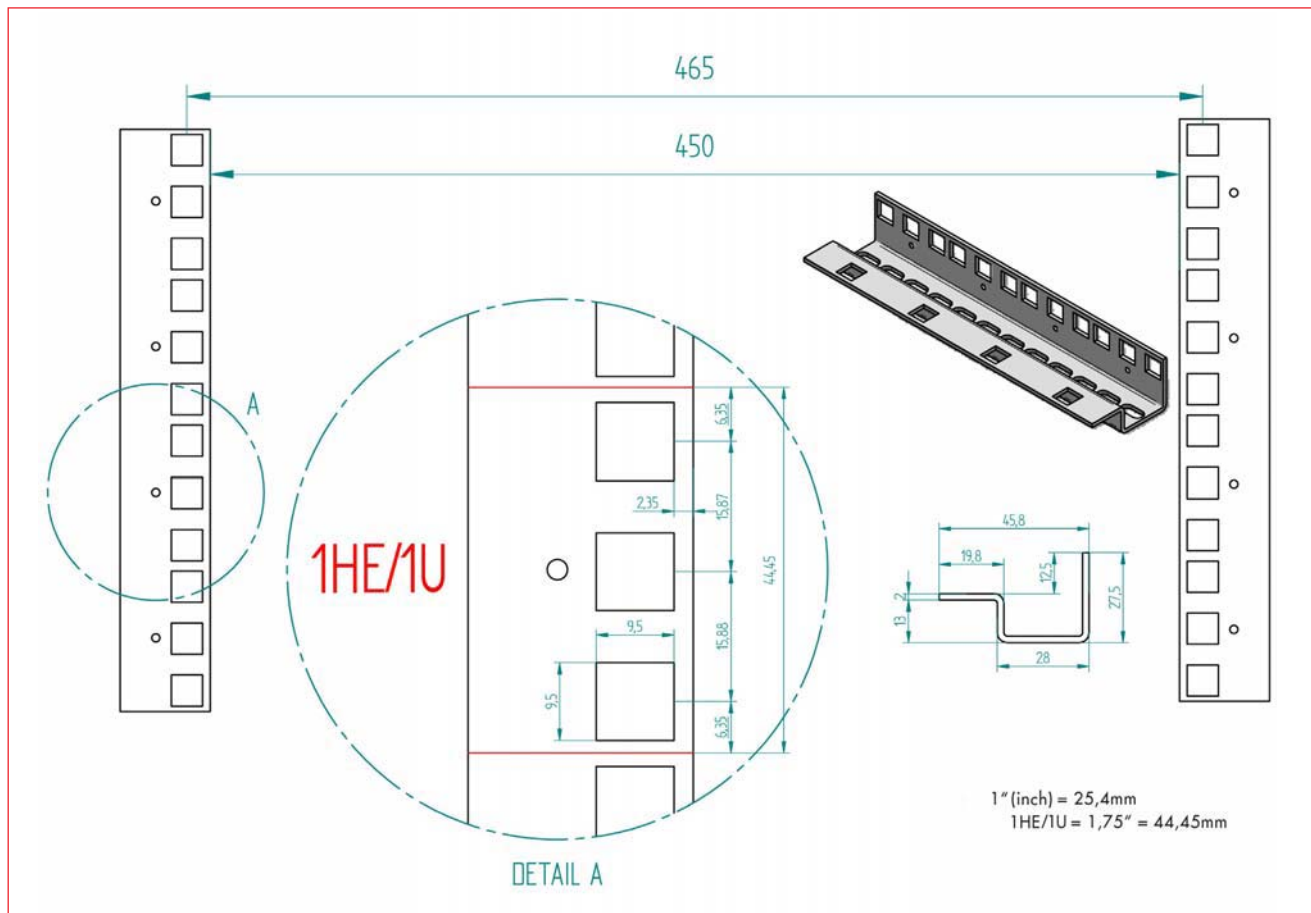


	A / mm	B / mm	C / mm	D / mm	E / mm	R1 / mm	R2 / mm	1)	2)	3)	4)
DW06605D	370	265	516	600	515	324	420	20	IP30	18,3	17,9
DW09605D	500	395	516	600	515	454	420	25	IP30	21,7	21,4
DW12605D	635	530	516	600	515	589	420	25	IP30	25,4	25,1
DW15605D	770	665	516	600	515	724	420	30	IP30	29,1	28,7
DW18605D	900	795	516	600	515	854	420	30	IP30	32,5	32,1
DW21605D	1035	930	516	600	515	989	420	30	IP30	36	35,5
DW18606D	900	795	516	600	615	854	420	30	IP30	35,9	35,4
DW21606D	1035	930	516	600	615	989	420	30	IP30	39,7	39,2

- 1) Maximum load / kg
- 2) Degree of protection
- 3) Weight Brutto / kg
- 4) Weight Netto / kg

■ Data-Enclosures Wallmounting Dualbloc IP30

■ DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data-Enclosures Wallmounting D=515mm		
Network Enclosure Wallmount DW Dualbloc, W=600 x H=370 x D=515mm, 19", 6U, RAL7035		DW06605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=500 x D=515mm, 19", 9U, RAL7035		DW09605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=635 x D=515mm, 19", 12U, RAL7035		DW12605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=770 x D=515mm, 19", 15U, RAL7035		DW15605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=900 x D=515mm, 19", 18U, RAL7035		DW18605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=1.035 x D=515mm, 19", 21U, RAL7035		DW21605D
Data-Enclosures Wallmounting D=615mm		
Network Enclosure Wallmount DW Dualbloc, W=600 x H=900 x D=615mm, 19", 18U, RAL7035		DW18606D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=1.035 x D=615mm, 19", 21U, RAL7035		DW21606D

Accessories



DWRT1261



DWRT1267



DFS14835-C



DFSZDW01



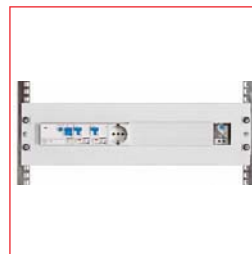
IU070126



DV900336-A



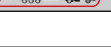
DBS14805



DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Doors		
Full Metal Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0660
Perforated Metal Door 80% for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0661
Glas Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0663
Full Metal Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0666
Glas Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0667
Full Metal Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0960
Perforated Metal Door 80% for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0961
Glas Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0963
Full Metal Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0966
Glas Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0967
Full Metal Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1260
Perforated Metal Door 80% for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1261
Glas Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1263
Full Metal Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1266
Glas Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1267
Full Metal Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1560
Perforated Metal Door 80% for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1561
Glas Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1563
Full Metal Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1566
Glas Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1567
Full Metal Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1860
Perforated Metal Door 80% for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1861
Glas Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1863
Full Metal Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1866
Glas Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1867
Full Metal Door for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2160
Perforated Metal Door 80% for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2161
Glas Door for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2163
Full Metal Door for DW-enclosure 21U, W=600, Halfcylinder ready, RAL7035		DWRT2166
Glas Door for DW-enclosure 21U, W=600, Halfcylinder ready, RAL7035		DWRT2167
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
Shelf Holders		
19" Shelf holder for back of DW-enclosure with fixed sidepanel		DFSZDW01
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Cable Management		
19" Cable management panel, 5 small plastic-rings 40x40mm, 1U, RAL7035		DBS14805
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
19" Cable management panel with 4 openings, 5 small plastic-rings 40x40mm, 1U, RAL7035		DBS14806
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document Pocket, Self Adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Halfcylinderlock keyed EK 333 including 1 key		DV900333



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Data-Enclosures Wallmounting Flatpack IP30



DW095540

■ SCHRACK-INFO

19"-wallmounting network enclosures. Mostly used in offices and similar environments like private flats or houses. Used in small to medium sized network cabling systems. Cost-effective. Space saving during shipping and storage.

■ TECHNICAL DATA

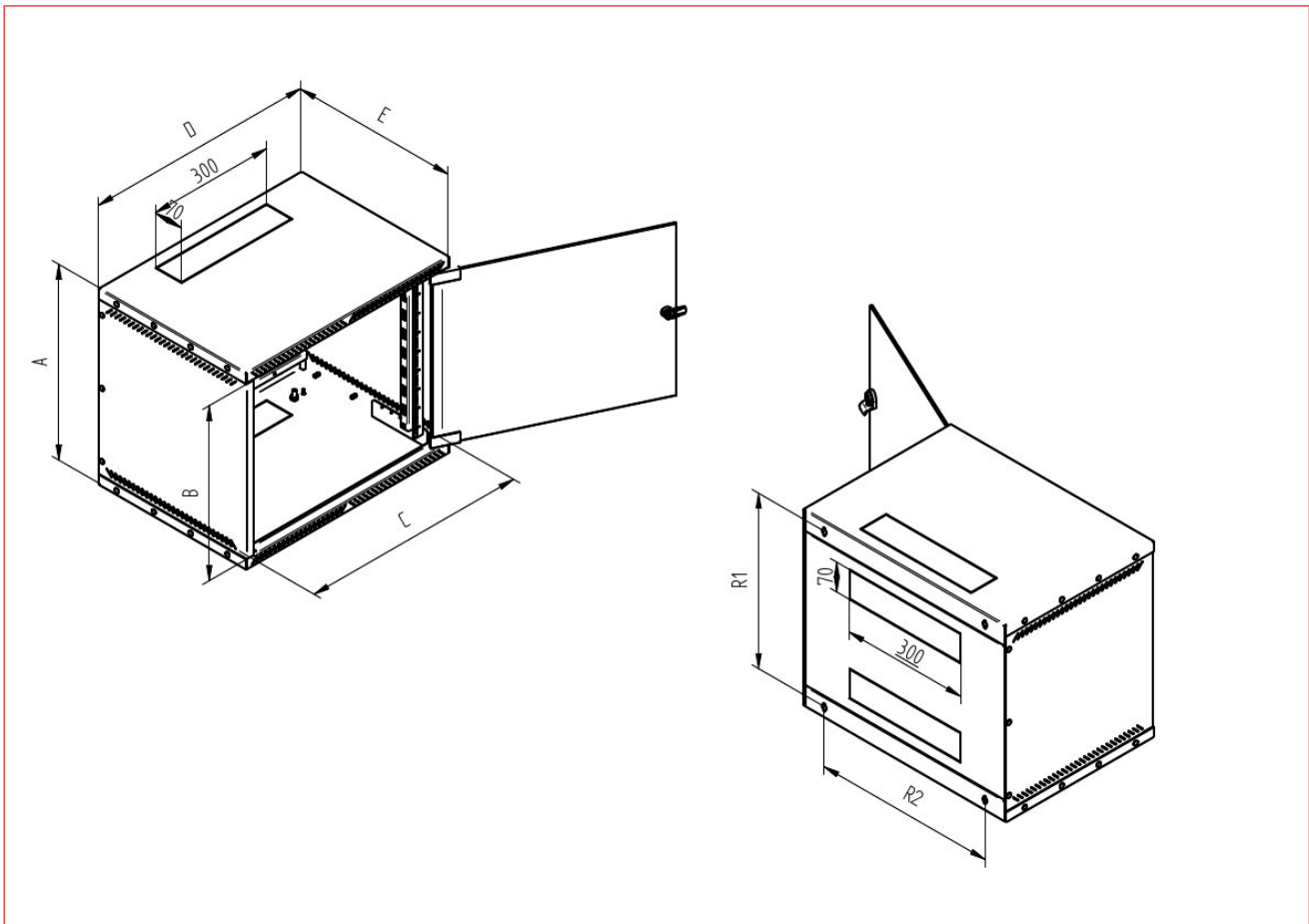
- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glas 5mm including lock and 2 keys.
- Door hinged right. Can be changed to hinging on left.
 - Door opening: ca. 130°
- 19" vertical rails (2 pieces) in front of enclosure, galvanized, Step-adjustable.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, cable management, etc.).

FLAT-PACK-DESIGN

Flatpack design means a demountable cabinet that is supplied disassembled. The assembly procedure requires only a few minutes and it almost does not require any tools. Only the profile-rails have to be screwed by use of 4x Thorx T25 screws. The individual parts of the cabinet are joined together toolless by use of mounting-pins.

■ Data-Enclosures Wallmounting Flatpack IP30

■ DIMENSIONS



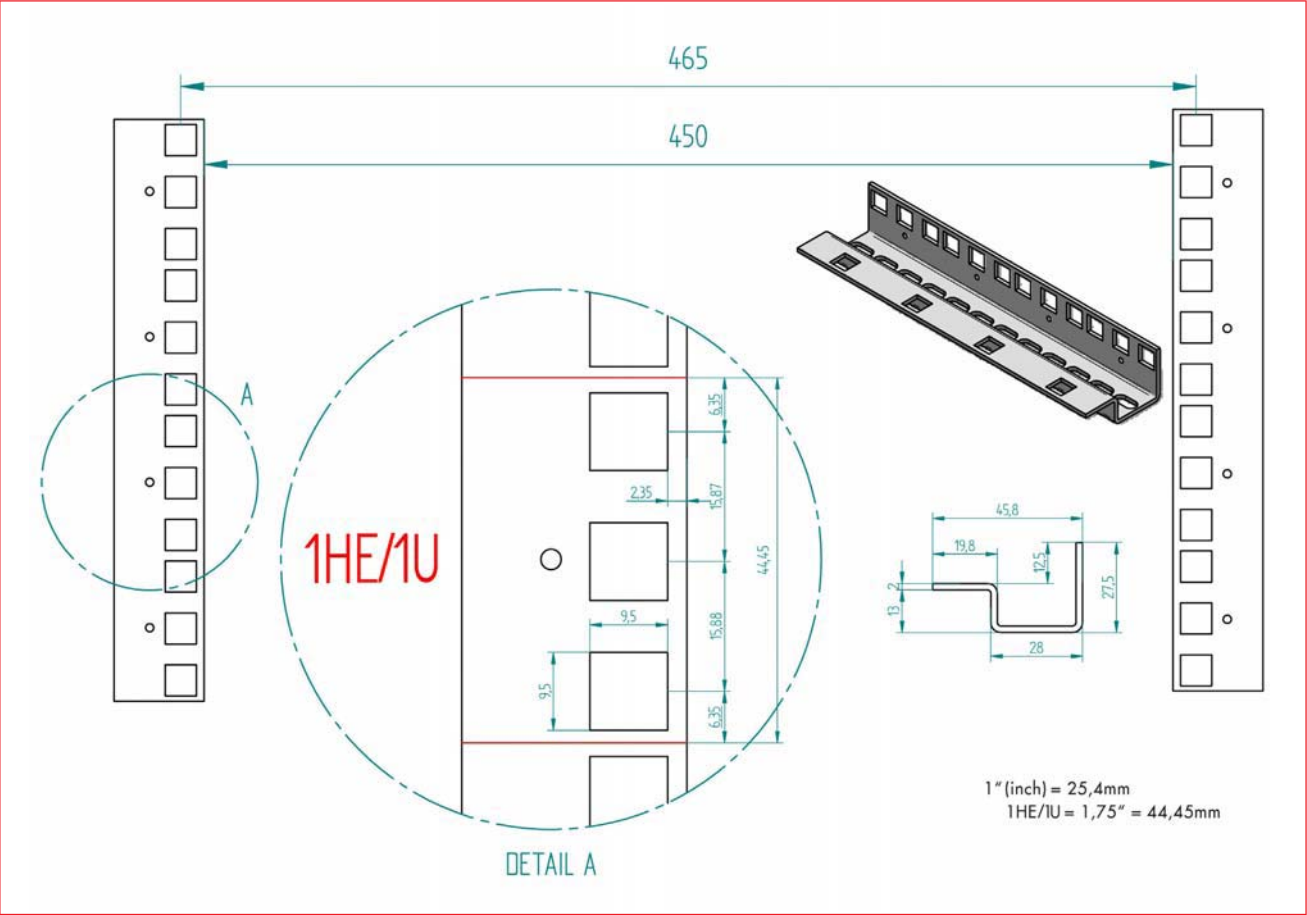
	A / mm	B / mm	C / mm	D / mm	E / mm	R1 / mm	R2 / mm	1)	2)	3)	4)
DW045540	230	180	505	550	400	180	435	25	IP30	11,2	11
DW065540	320	270	505	550	400	270	435	25	IP30	13,3	13
DW095540	463	412	505	550	400	412	435	25	IP30	15,4	15,1
DW125540	580	530	505	550	400	530	435	25	IP30	18,7	18,4

- 1) Maximum load / kg
- 2) Degree of protection
- 3) Weight Brutto / kg
- 4) Weight Netto / kg

Wall-mounted data enclosures 19"

■ Data-Enclosures Wallmounting Flatpack IP30

■ DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data-Enclosures Wallmounting D=400mm		
Network Enclosure Wallmount DW Flat Pack, W=550 x H=230 x D=400mm, 19", 4U, RAL7035		DW045540
Network Enclosure Wallmount DW Flat Pack, W=550 x H=320 x D=400mm, 19", 6U, RAL7035		DW065540
Network Enclosure Wallmount DW Flat Pack, W=550 x H=410 x D=400mm, 19", 9U, RAL7035		DW095540
Network Enclosure Wallmount DW Flat Pack, W=550 x H=580 x D=400mm, 19", 12U, RAL7035		DW125540

Accessories



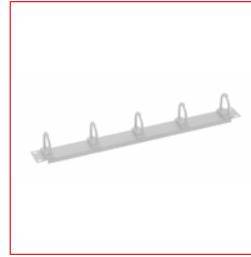
DFS14825-A



IU070126



DV900336-A



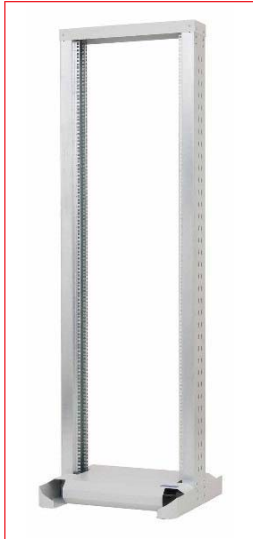
DBS14805

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Cable Management		
19" Cable management panel, 5 small plastic-rings 40x40mm, 1U, RAL7035		DBS14805
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
19" Cable management panel with 4 openings, 5 small plastic-rings 40x40mm, 1U, RAL7035		DBS14806
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050

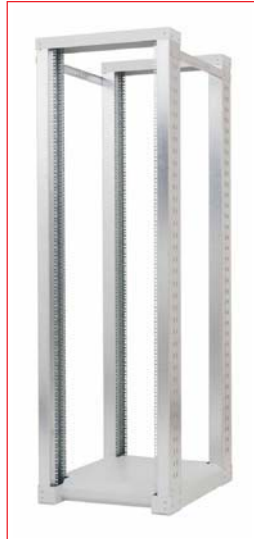


Order no. blue: on stock, usually ready for delivery on the day of order!

■ Data Systemracks 19"



IU070142-A



IU070242-A

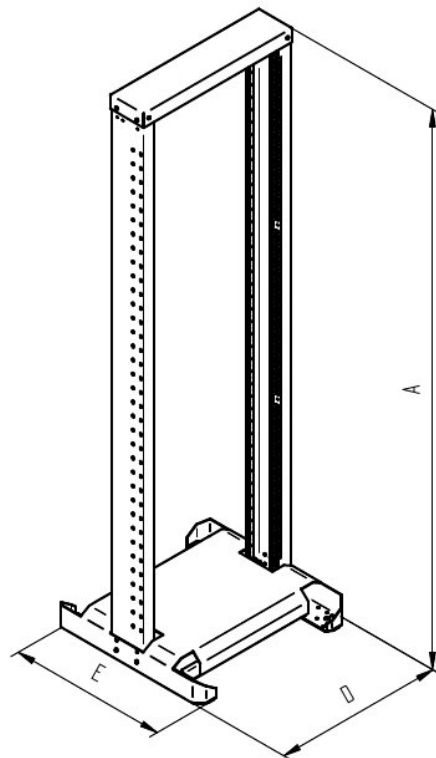
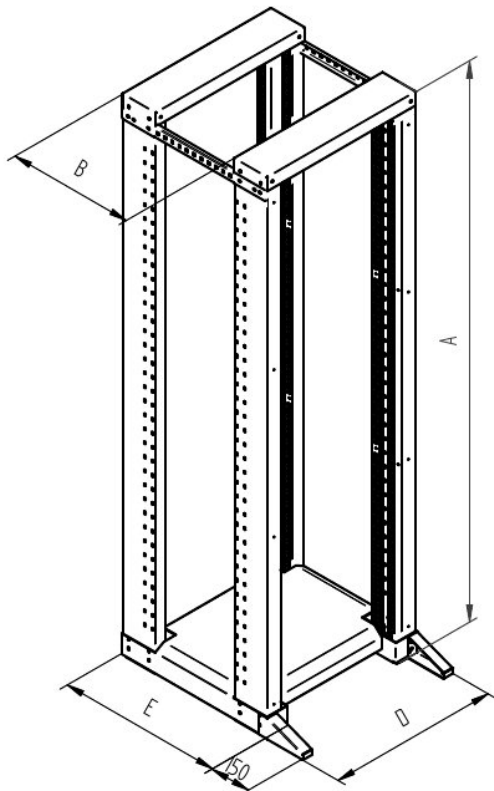
■ SCHRACK-INFO

These 19" systemracks are used when access to the equipment from all sides is necessary all the time. Also frequently used for presentation of 19"-devices in showrooms or on exhibitions. The single section racks are designed for installations without heavy equipment. The double section racks are designed for installation of heavier and larger equipment. The included stabilization set is mounted additionally on the base of the double section racks and increases stability of the whole rack in case of installation of slide-out devices, e.g. servers.

Installation:

- Direct on floor.
- By use of the included leveling feet in case of uneven floor.
- By use of optional castors with brake (Ordernumber: DSR00005-A).

■ DIMENSIONS



■ Data Systemracks 19"

	A / mm	B / mm	D / mm	E / mm	1)	2)	3)	4)
IU070127-A	1365	-	616	600	150	-	34,3	27,5
IU070142-A	2031	-	616	600	150	-	40,5	33,7
IU070227-A	1365	560	616	700	400	-	53,2	45,1
IU070242-A	2031	560	616	700	400	-	65,5	57,5

1) Maximum load / kg

2) Degree of protection

3) Weight Brutto / kg

4) Weight Netto / kg

DESCRIPTION	AVAILABLE	ORDER NO.
Data Systemracks Single-sectioned		
Network Systemrack, single-sectioned, W=616 x H=1.365 x D=600mm, 19", 27U		IU070127-A
Network Systemrack, single-sectioned, W=616 x H=2.031 x D=600mm, 19", 42U		IU070142-A
Data Systemracks Double-sectioned		
Network Systemrack, double-sectioned, W=616 x H=1.365 x D=700mm, 19", 27U		IU070227-A
Network Systemrack, double-sectioned, W=616 x H=2.031 x D=700mm, 19", 42U		IU070242-A



Accessories



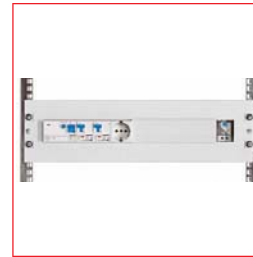
DFS14835-C



IU070126



DBK14805



DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14805

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Management		
19" Cable management panel with 4 openings, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Din-Rail Panel		
DIN-rail adapter empty for 1 module (SFA)(SFB)		HSEH010GS
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Accessories		
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Castors (2 with brake, 2 without brake) for DS/DSZ-enclosure up to 800kg Load		DSR00005-A



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Data-Enclosures Wallmounting 10"



DV610006-A



DV610006-A

■ SCHRACK-INFO

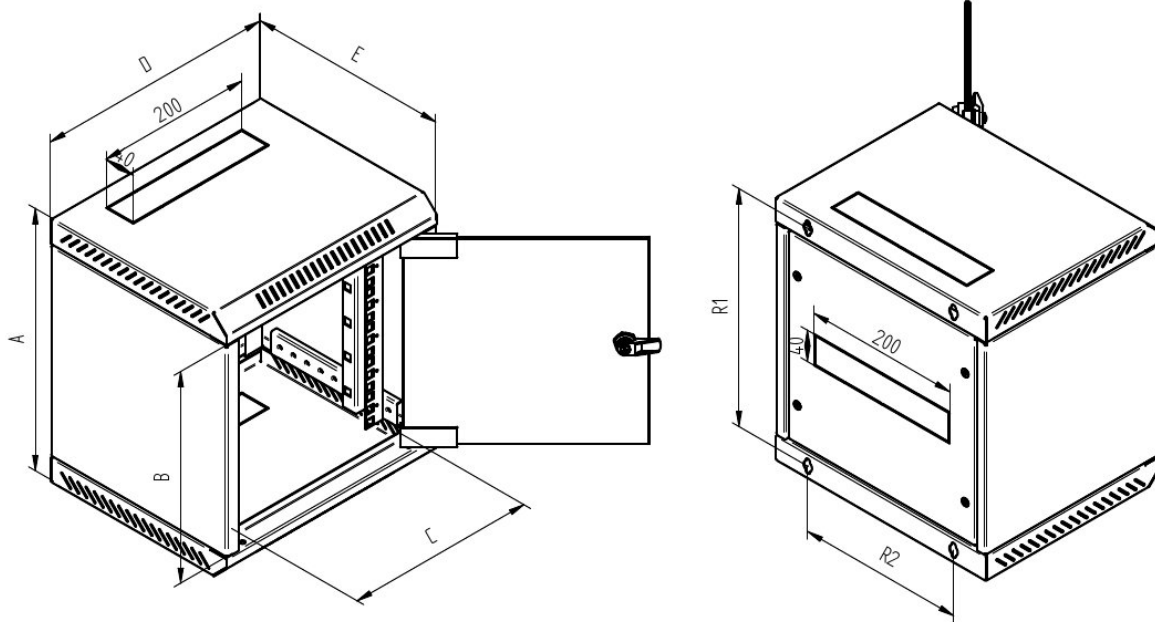
10"-SoHo (Small Office Home Office) wallmounting network enclosures. Mostly used in small offices and similar environments like private flats or houses. Also used for space saving installation of sub enclosures in small to big sized network cabling systems.

■ TECHNICAL DATA

- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glas 5mm including lock and 2 keys.
 - Door hinged right.
 - Door opening: ca. 180°
- 19" vertical rails (2 pieces) in front of enclosure, galvanized, continuously depth-adjustable.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:
 - 8 x Cage nuts, screws and washers M6.
 - 4x dowel 10x50 and 4x screws M6x50 for fixing to the wall.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, etc.).
- Enclosure is delivered fully-assembled.

■ Data-Enclosures Wallmounting 10"

■ DIMENSIONS



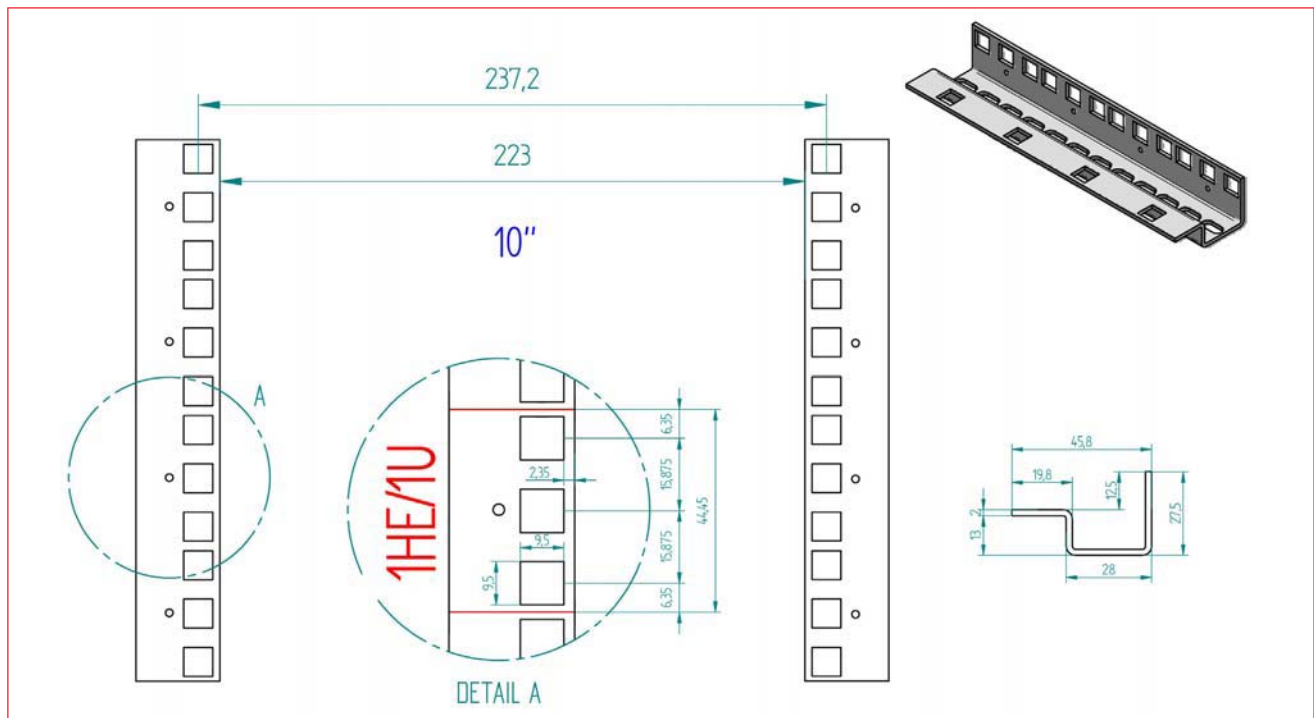
	A / mm	B / mm	C / mm	D / mm	E / mm	R1 / mm	R2 / mm	1)	2)	3)	4)
DV610004-A	248	169	255	310	260	212	212	20	IP30	5,5	5,4
DV610006-A	337	258	255	310	260	301	212	20	IP30	6,9	6,9
DV610009-A	470	391	255	310	260	434	212	20	IP30	8,3	8,2

- 1) Maximum load / kg
- 2) Degree of protection
- 3) Weight Brutto / kg
- 4) Weight Netto / kg

Wall-mounted data enclosures 10"

■ Data-Enclosures Wallmounting 10"

■ DRAWING OF THE VERTICAL 10"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data-Enclosures Wallmounting D=260mm		
Network Enclosure Wallmounting DV, W=310 x H=248 x D=260mm, 10", 4U, RAL7035		DV610004-A
Network Enclosure Wallmounting DV, W=310 x H=337 x D=260mm, 10", 6U, RAL7035		DV610006-A
Network Enclosure Wallmounting DV, W=310 x H=470 x D=260mm, 10", 9U, RAL7035		DV610009-A

■ Accessories



DESCRIPTION	AVAILABLE	ORDER NO.
Shelf		
10" Shelf Fix, D=150mm, Low Profile, RAL7035		IU071000-A
10" DIN-rail panel, 3U, RAL7035		DAB34812
Power Distribution Units - PDUs		
10" PDU, 3xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070122
10" PDU, 3x UTE, Profile ALU 1U, 2m-connector cable, RAL7035		IU070123
Networking Patchpanels		
Patchpanel 10" empty for 12 modules (SFA)(SFB), 1U, RAL7035		HSER0120GS
DE-EMBEDDED LINE Patchpanel 10" 10xRJ45 shielded, Cat.6, 1U, RAL7035		HSERG106GV
Accessories		
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025

IT METER LINE Power Distribution Units - PDUs Passive



IU070126



IU070124



IU070114



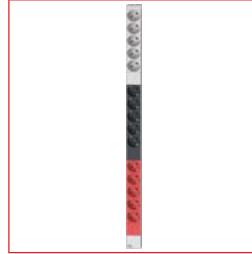
IU070112



IU070116



IU070111



HSMPPS15



HSMPP318



HSMPP312

SCHRACK-INFO

- Color: RAL7035 (lightgrey)
- Standard connecting cable 2,0m (IU070112: 3,0m)
- Overvoltage Protection (only IU070126/IU070113/IU070118):

Class: Typ 3

Guaranteed protection level: < 1.8 kV

DESCRIPTION	AVAILABLE	ORDER NO.
Power Distribution Units - PDUs Passive 19", ALU, 1U		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
Power Distribution Units - PDUs Passive 19", PVC, 1.25U		
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
Power Distribution Units - PDUs Passive Vertical Installation		
IT METER LINE PDU Passive, IN: 1xCee Plug 16A Red, OUT: 15xSchuko Socket Outlets, 821x44x47mm		HSMPPS15
IT METER LINE PDU Passive, IN: 1xCee Plug 16A Red, OUT: 18xC13 Socket Outlets, 821x44x47mm		HSMPP318
IT METER LINE PDU Passive, IN: 1xCee Plug 16A Red, OUT: 12xC13 Socket Outlets, 6x Schuko Socket Outlets, 821x44x47mm		HSMPP312
Locking Caps		
IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs		HSMZSK--05
IT METER LINE Locking Cap black C13 (10 pieces) plus Unlock Tool (1 piece)		HSMZ3K--10
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266



Order no. blue: on stock, usually ready for delivery on the day of order!

IT METER LINE Power Distribution Units - PDUs Active Metered Plus



HSMPE06

SCHRACK-INFO

IT METER LINE is the intelligent energy management system with a measurement accuracy of +/- 1%. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP.

TECHNICAL DATA

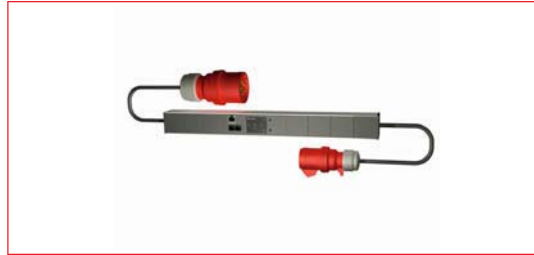
- Integrated measurement of: current, effective power, voltage, frequency, phase angle and energy.
- Indication on illuminated LCD.
- Resettable energy meter (stores latest value even when no power connected).
- Precision +/- 1%.
- End caps riveted and do not open.
- Includes mounting brackets and screws.
- Plastic, light grey, aluminium profile silver

DESCRIPTION	AVAILABLE	ORDER NO.
Power Distribution Units - PDUs Metered Plus 19"		
IT METER LINE PDU with integrated Power Metering, 6xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
IT METER LINE PDU with integrated Power Metering, 8xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
IT METER LINE PDU with integrated Power Metering, 6xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Locking Caps		
IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs		HSMZSK--05
IT METER LINE Locking Cap black C13 (10 pieces) plus Unlock Tool (1 piece)		HSMZ3K--10
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266

IT METER LINE Power Distribution Units - PDUs Active Monitored



HSMPM506



HSMPM903--

SCHRACK-INFO

IT METER LINE is the intelligent energy management system with a measurement accuracy of $\pm 1\%$. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP. The data centers mains supply is monitored and remotely controlled from the comfort of your desk. Data centre availability is increased, down times are minimized and costs are cut. Current, voltage and power are monitored. This allows resources to be planned efficiently and alarms to be issued in the event of a fault. The Active Monitored upgrade modules are used to upgrade intelligent modules in an existing power distribution system. Simple integration reduces the work and costs involved in installation to a minimum. Upgrade modules can be supplied with both integrated Ethernet interface and Power Line communications adaptor. The Power Line modules further simplify integration by reducing the cabling required.

TECHNICAL DATA

- Integrated measurement of current, voltage, frequency, effective-, apparent- and reactive- power and power factor.
- Integrated Ethernet connection.
- Operated via a web browser.
- Supported protocols include: HTTP; SNMP.
- Integrated temperature sensor.
- Up to two sensors can be connected.
- Very compact design (W x D: 44 mm x 47 mm).
- Robust aluminium housing
- High-resolution OLED display
- Display can be rotated for easier readability by means of software.

DESCRIPTION	AVAILABLE	ORDER NO.
Power Distribution Units - PDUs Monitored 19"		
IT METER LINE PDU with integrated Power Metering, 6xSchuko, Ethernet-Connection, 2 Sensors optional, ALU-Profile, 19", 1U, RAL7035		HSMPM506
IT METER LINE PDU with integrated Power Metering, 8xC13, Ethernet-Connection, 2 Sensors optional, ALU-Profile, 19", 1U, RAL7035		HSMPM308
Upgrademodule Monitored 19"		
IT METER LINE Upgrade module 3-phases, with integrated Power Metering, IN/OUT: CEE Red 16A, Ethernet-Connection, 2 Sensors optional, ALU-Profile, 19", 1U, RAL7035		HSMPM903
Power Distribution Units - PDUs Monitored Vertical Installation		
IT METER LINE PDU with integrated Power Metering, 3-phases, IN: CEE, OUT: 36xC13 + 6xC19, Ethernet-Connection, 2 Sensors optional, ALU-Profile, L=1.800mm		HSMPM336
Sensors forPower Distribution Units - PDUs Monitored		
IT METER LINE Sensor Temperature for HSMPM... PDUs		HSMST
IT METER LINE Combined Sensor Temperature and Humidity for HSMPM... PDUs		HSMSTF
Locking Caps		
IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs		HSMZSK--05
IT METER LINE Locking Cap black C13 (10 pieces) plus Unlock Tool (1 piece)		HSMZ3K--10
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12

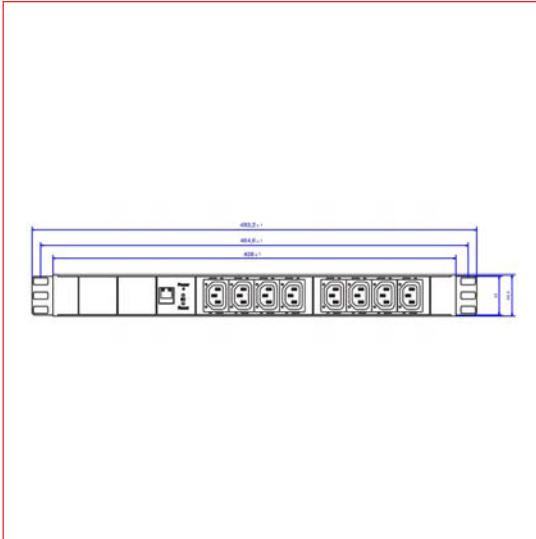


Order no. blue: on stock, usually ready for delivery on the day of order!

IT METER LINE Power Distribution Units - PDUs Active Monitored

DESCRIPTION	AVAILABLE	ORDER NO.
Locking Clips and Cables C13		
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266

IT METER LINE Power Distribution Units - PDUs Active Switched



HSMPS308

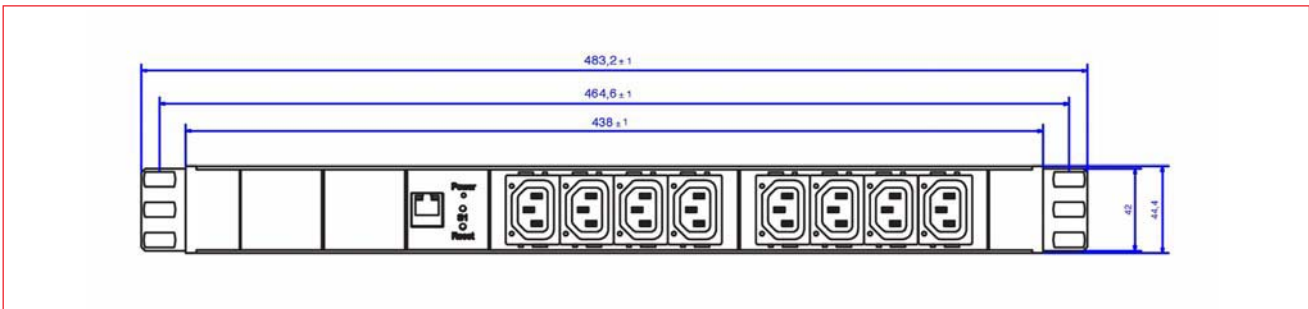
SCHRACK-INFO

IT METER LINE is the intelligent energy management system with a measurement accuracy of $\pm 1\%$. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP. The data centers mains supply is monitored and remotely controlled from the comfort of your desk. Data centre availability is increased, down times are minimized and costs are cut. Current, voltage and power are monitored. This allows resources to be planned efficiently and alarms to be issued in the event of a fault. The Active Switched PDUs can execute a Hardware-Reset of the connected devices by switching off and on the power.

TECHNICAL DATA

- Socket outlets can be switched individually.
- Safe zero-voltage switching.
- Integrated LED switching status check per port.
- Integrated Ethernet connection.
- Operated via a web browser.
- Supported protocols include: HTTP, HTTPS, SNMP, SMTP, NTP, SSH.
- Robust aluminium housing.

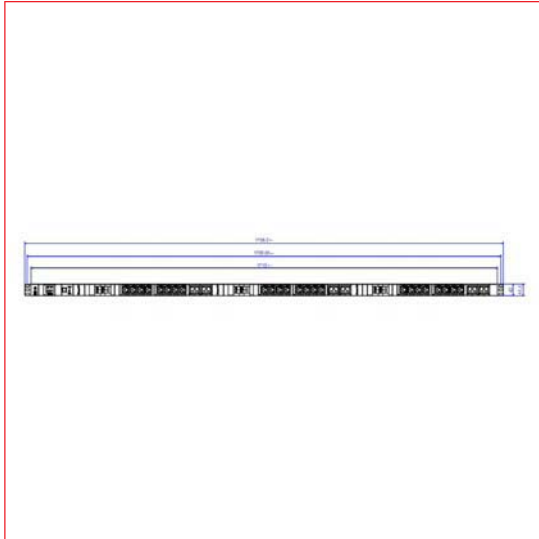
DIMENSIONS



DESCRIPTION	AVAILABLE	ORDER NO.
Power Distribution Units - PDUs Switched 19"		
IT METER LINE PDU, Remote Switchable, 6xSchuko, Ethernet-Connection, ALU-Profile, 19", 1U, RAL7035		HSMPS06
IT METER LINE PDU, Remote Switchable, 8xC13, Ethernet-Connection, ALU-Profile, 19", 1U, RAL7035		HSMPS308
Locking Caps		
IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs		HSMZSK--05
IT METER LINE Locking Cap black C13 (10 pieces) plus Unlock Tool (1 piece)		HSMZ3K--10
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266



IT METER LINE Power Distribution Units - PDUs Active Managed



HSMPA324

SCHRACK-INFO

IT METER LINE is the intelligent energy management system with a measurement accuracy of +/- 1%. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP. The data centers mains supply is monitored and remotely controlled from the comfort of your desk. Data centre availability is increased, down times are minimized and costs are cut. Current, voltage and power are monitored. This allows resources to be planned efficiently and alarms to be issued in the event of a fault. The Active Managed PDUs can execute a Hardware-Reset of the connected devices by switching off and on the power.

TECHNICAL DATA

- Socket outlets can be switched individually.
- Safe zero-voltage switching.
- Integrated LED switching status check per port.
- Integrated Ethernet connection.
- Operated via a web browser.
- Integrated measurement of: current, effective power, voltage, frequency and phase angle.
- Supported protocols include: HTTP, HTTPS, SNMP, SMTP, NTP, SSH.
- Robust aluminium housing.
- Illuminated LCD.

DIMENSIONS



DESCRIPTION	AVAILABLE	ORDER NO.
Power Distribution Units - PDUs Managed Vertical Installation		
IT METER LINE PDU, Remote Switchable with integrated Power Metering, IN: CEE, OUT: 24xC13 + 6xC19, Ethernet-Connection, ALU-Profile, L=1.800mm		HSMPA324
Locking Caps		
IT METER LINE Locking Cap black C13 (10 pieces) plus Unlock Tool (1 piece)		HSMZ3K--10
IT METER LINE Locking Cap black C19 (10 pieces) plus Unlock Tool (1 piece)		HSMZ9K--10
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266

IT METER LINE Power Unit for Datacenters



HSM PUC04



HSM PUC04



HSM PUZ40

SCHRACK-INFO

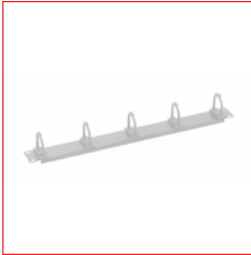
IT METER LINE is the intelligent energy management system with a measurement accuracy of $\pm 1\%$. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP. The data centers mains supply is monitored and remotely controlled from the comfort of your desk. Data centre availability is increased, down times are minimized and costs are cut. Current, voltage and power are monitored. This allows resources to be planned efficiently and alarms to be issued in the event of a fault. The Active Power Unit offers a modular platform for power distribution in data centers. The Power Unit basic unit provides power distribution in the rack. If required, the measurement module can be upgraded or replaced during operation without interruption to the supply.

TECHNICAL DATA

- Integrated measurement of: current, effective power, voltage, frequency and phase angle.
- Two galvanically isolated power supply units.
- Integrated Ethernet connection.
- Can be operated by web browser, SNMP or serial interface.
- Can optionally also be controlled by ModBus TCP (on request).
- Supported protocols include: HTTP, HTTPS, SNMP, SMTP, NTP, SSH.
- Robust enclosure in steel plate.
- Illuminated LC display.
- Measurement module can be swapped in use without interruption to supply.

DESCRIPTION	AVAILABLE	ORDER NO.
Power Unit 19"		
IT METER LINE Power Unit Chassis, IN: 2xCEE Red 16A/400V, OUT: 4xCEE Red 16A/400V, 3Phases		HSM PUC04
IT METER LINE Power Unit Measuring Module 16-32A/400V, Power Metering, Ethernet-Connection		HSM PUZ40

■ Cable Management Panels 19"



DBS14805



DBK14805



DBK14806



DBC14805



HDBS148051



HDBS148053

■ SCHRACK-INFO

- Powder coated steel sheet.
- Color: RAL7035 (lightgrey).
- Heights: 1 and 2U.
- Recommended use in:
 - Wallmounting Enclosures: DBS14805, DBS14806.
 - Freestanding Enclosures: DBK14805, DBC14805, HDBS148051, HDBS148053.
- Included assembly materials: 4x cage nuts, bolts and washers M6.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Cable management panel, 5 small plastic-rings 40x40mm, 1U, RAL7035		DBS14805
19" Cable management panel with 4 openings, 5 small plastic-rings 40x40mm, 1U, RAL7035		DBS14806
19" Cable management panel, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 70x40mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cable management panel with cable trunk 1 sided, 1U, RAL7035		HDBS148051
19" Cable management panel with cable trunk 1 sided, 2U, RAL7035		HDBS148053

■ Cable Management



DBO14200



DBO14201



HSEKBK25HR



HSEKBK25HS

■ SCHRACK-INFO

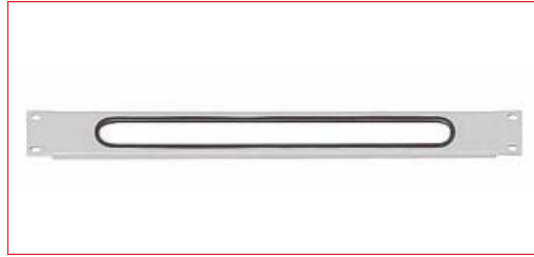
- Back-to-Back cable-ties are used for bundling of installation-cables and offer the advantage of re-opening and re-closing several times. Standard cable-ties are used to fix cables to patchpanels, management-panels, etc.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025

■ Cable Entry Panels 19"



DBB14802



DBB14820-A

■ SCHRACK-INFO

- Powder coated steel sheet.
- Color: RAL7035 (lightgrey).
- Height: 1U.
- Included assembly materials: 4x cage nuts, bolts and washers M6.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Cable entry panel with brush, 1U, RAL7035		DBB14802
19" Cable entry panel, 1U, RAL7035		DBB14820-A

■ Cable Organizers



DBKOXXXX



DBKO4040



DBKO4080



DBKO8080

■ SCHRACK-INFO

- Round Steel
- For vertical cable-management
- Mounted to 19" vertical rails
- Recommended use in:
 - Wallmounting Enclosures: DBKO4040
 - Freestanding Enclosures: DBKO4080 and DBKO8080
- Included assembly materials: 2x cage nuts, bolts and washers M6

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Cable Organizer Metal 40x80mm for mounting to 19"-rail		DBKO4080
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080



Order no. blue: on stock, usually ready for delivery on the day of order!

Vertical Cable Management Channels for DS- and DSZ-enclosures W=800mm



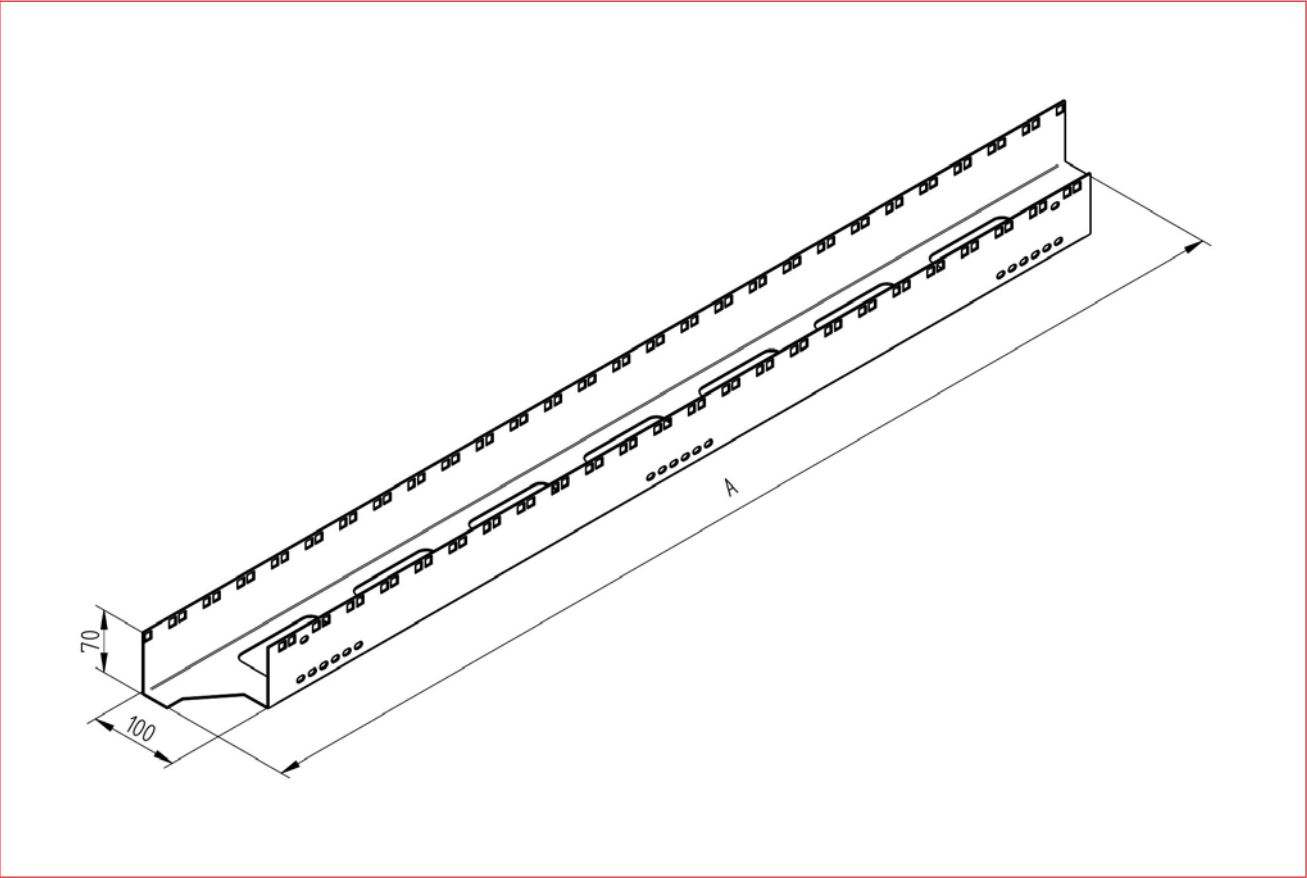
DSKV4280

SCHRACK-INFO

These vertical cable management channels are installed between the 19"-rail and the body of 800 wide DS-, DSZ-, DSI- enclosures. We recommend to fix it to the 19"-vertical profile-rail as well as to the body of the enclosure to increase stability. Cables can be fixed to it by use of cable-ties or PVC-cable-trunks can be fixed into the channel. Due to flexible construction, the channel can be installed on left and right side, front and rear and with openings to front or rear.

- Material: Steel sheet
- Heights: 15, 18, 22, 27, 32, 37, 42 and 45U
- U-shape profile 100 x 70mm

DIMENSIONS



	A / mm
DSKV1580	667
DSKV1880	800
DSKV2280	978
DSKV2780	1200
DSKV3280	1422
DSKV3780	1645
DSKV4280	1867
DSKV4580	2000

DESCRIPTION	AVAILABLE	ORDER NO.
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 15U		DSKV1580
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 18U		DSKV1880
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 22U		DSKV2280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 27U		DSKV2780
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 32U		DSKV3280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 37U		DSKV3780
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U		DSKV4280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U		DSKV4580

■ Cable Entry



DBK24800



HDZA0002

■ SCHRACK-INFO

This roof cable entry with brush is used by replacing one 2U blindcover in the roof of SCHRACK freestanding enclosures IP30. The brush minimizes the entry of dust into the cabinet, while offering convenient cable-entry. For bigger cable-bundles, two cable-entry panels can be installed face-to-face.

- Powder coated steel sheet
- Color: RAL7035 (lightgrey)
- Height: 2 U
- Included assembly materials: 4x cage nuts, bolts and washers M6

DESCRIPTION	AVAILABLE	ORDER NO.
Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
Brush insert for cable-entry via rearpanel of enclosures DS/DSZ, 370x90mm, self-adhesive, black		HDZA0002
Brush insert for cable-entry for wallmounting enclosure DW, 300x70mm, self-adhesive, black		HDZA0003

■ Blanking Panel 19"



DBO14803

■ SCHRACK-INFO

- Powder coated steel sheet.
- Color: RAL7035 (lightgrey).
- Heights: 1 to 6U.
- Included assembly materials: 4x cage nuts, bolts and washers M6.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Blanking panel 1U, RAL7035		DBO14801
19" Blanking panel 2U, RAL7035		DBO14802
19" Blanking panel 3U, RAL7035		DBO14803
19" Blanking panel 4U, RAL7035		DBO14804
19" Blanking panel 5U, RAL7035		DBO14805
19" Blanking panel 6U, RAL7035		DBO14806

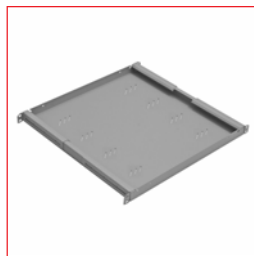


Order no. blue: on stock, usually ready for delivery on the day of order!

Shelves Fixed 19"



DFS14845-C



DFS14845-C



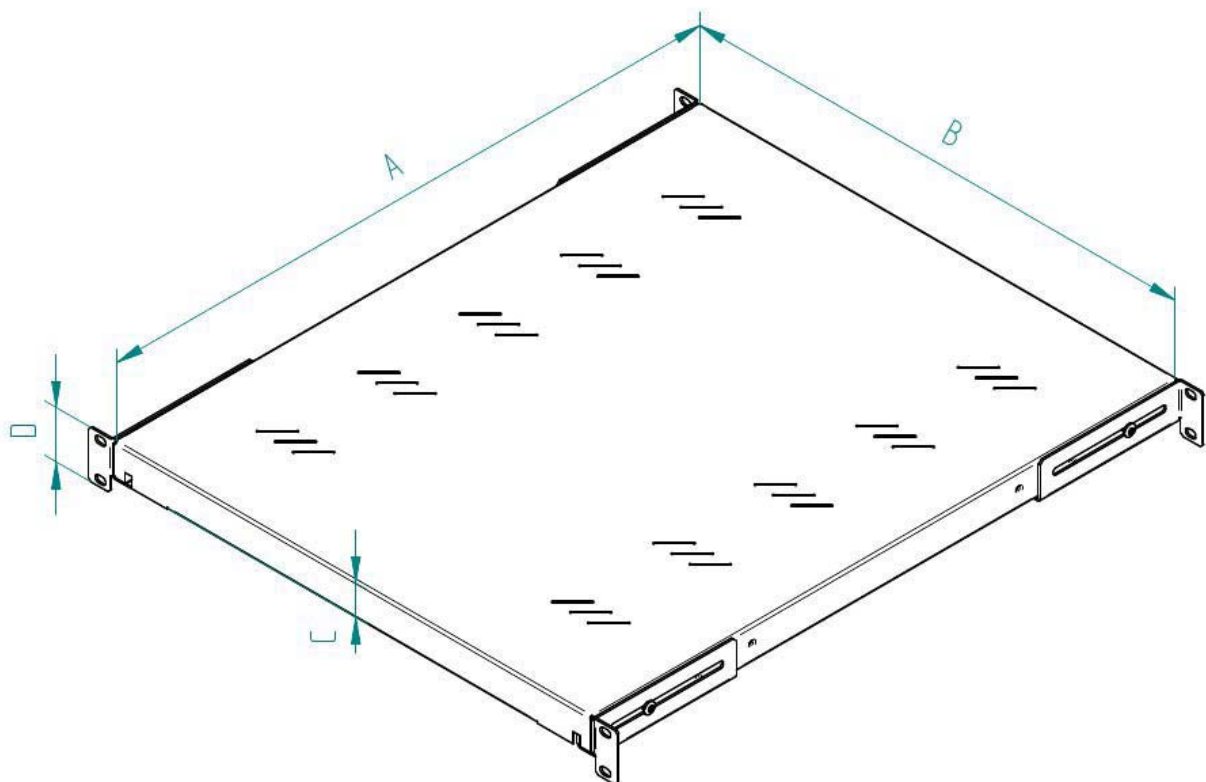
DFS14845-C

SCHRACK-INFO

Shelves are used for equipment that has no 19"-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included from 350mm deep shelves.

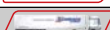
- Powder coated steel sheet
- Color: RAL7035 (lightgrey).
- Perforated for optimized air-flow inside the cabinet.
- High load capability of up to 80 kg, depending on depth.
- Used height: 1U
- 100% of space between 19"-vertical rails can be used -> Width for equipment: 450mm.
- Flexible adjustable in depth:
 - Front side of shelf can be installed before or behind front 19"-vertical rails.
 - Back side of shelf can be installed behind or before rear 19"-vertical rails.
- Included assembly materials:
 - Depth 150 to 250 mm: 4x cage nuts, bolts and washers M6.
 - Depth 350 to 950 mm: 8x cage nuts, bolts and washers M6

DIMENSIONS



Shelves Fixed 19"

	A / mm	B / mm	C / mm	D / mm	Mounting brackets included	Maximum load / kg
DFS14815-C	150	440	30	1U	2	15
DFS14825-C	250	440	30	1U	2	15
DFS14835-C	350	440	30	1U	4	50
DFS14845-C	450	440	30	1U	4	80
DFS14855-C	550	440	30	1U	4	80
DFS14865-C	650	440	30	1U	4	80
DFS14875-C	750	440	30	1U	4	80
DFS14885-C	850	440	30	1U	4	80
DFS14895-C	950	440	30	1U	4	80

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 80kg Load, D=950mm, 1U, RAL7035		DFS14895-C



Shelves Fixed Low Profile 19"



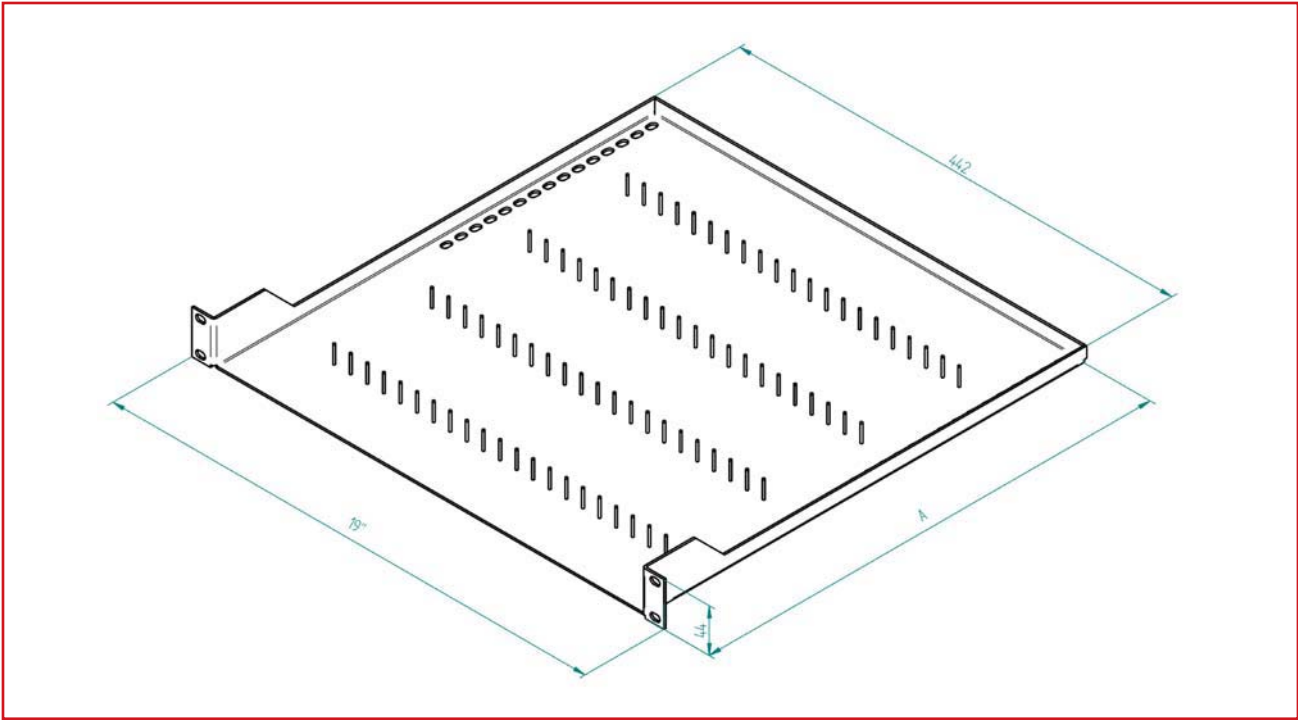
DFS14845-A

SCHRACK-INFO

Shelves are used for equipment that has no 19"-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included from 350mm deep shelves. Due to special U-shape construction of the Low Profile shelves, also the height, where the shelf is installed, can be used for components.

- Powder coated steel sheet
- Color: RAL7035 (lightgrey).
- Perforated for optimized air-flow inside the cabinet.
- High load capability of up to 40 kg, depending on depth.
- No loss on height units.
- Width for equipment: 440mm.
- Back side of shelf can be installed behind or before rear 19"-vertical rails.
- Included assembly materials:
 - Depth 150 to 250 mm: 4x cage nuts, bolts and washers M6.
 - Depth 350 to 950 mm: 8x cage nuts, bolts and washers M6

DIMENSIONS



	A / mm	B / mm	C / mm	Mounting brackets included	Maximum load / kg
DFS14815-A	150	442	44	2	15
DFS14825-A	250	442	44	2	20
DFS14835-A	350	442	44	4	40
DFS14845-A	450	442	44	4	40
DFS14855-A	550	442	44	4	40
DFS14865-A	650	442	44	4	40
DFS14875-A	750	442	44	4	40

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A

Shelves Fixed Heavy Duty 19"



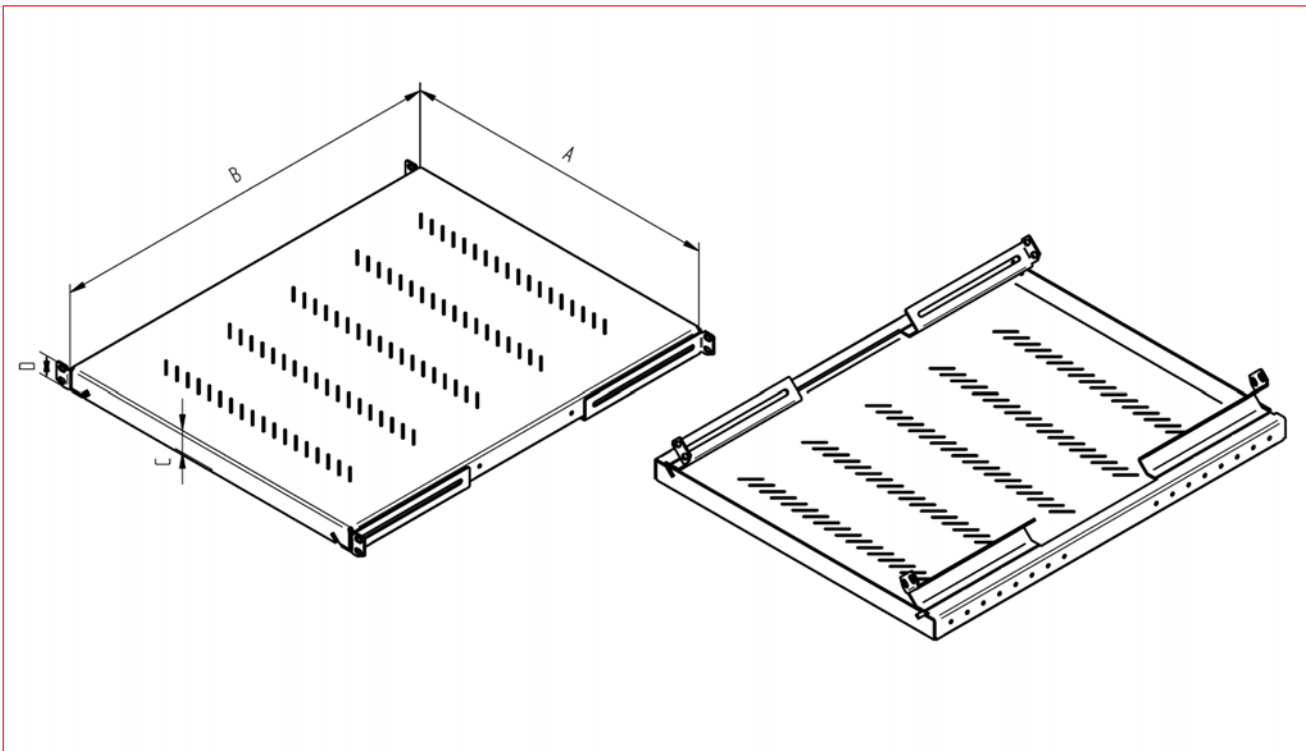
DFSS4865-A

SCHRACK-INFO

Shelves are used for equipment that has no 19"-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included in delivery. These heavy duty shelves offer a maximum load of 150 kg. Thus, they are used to place servers, UPS, battery packs or other very heavy equipment on it.

- Powder coated steel sheet
- Color: RAL7035 (lightgrey).
- Perforated for optimized air-flow inside the cabinet.
- High load capability of 150 kg.
- Used height: 1U
- 100% of space between 19"-vertical rails can be used -> Width for equipment: 450mm.
- Flexible adjustable in depth:
 - Front side of shelf can be installed before or behind front 19"-vertical rails.
 - Back side of shelf can be installed behind or before rear 19"-vertical rails.
- Included assembly materials: 8x cage nuts, bolts and washers M6

DIMENSIONS



	A / mm	B / mm	C / mm	D / mm	Mounting brackets included	Maximum load / kg
DFSS4845-A	450	440	30	1U	4	150
DFSS4855-A	550	440	30	1U	4	150
DFSS4865-A	650	440	30	1U	4	150
DFSS4875-A	750	440	30	1U	4	150
DFSS4885-A	850	440	30	1U	4	150
DFSS4895-A	950	440	30	1U	4	150

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=950mm, 1U, RAL7035		DFSS4895-A



Order no. blue: on stock, usually ready for delivery on the day of order!

Shelves Sliding 19"



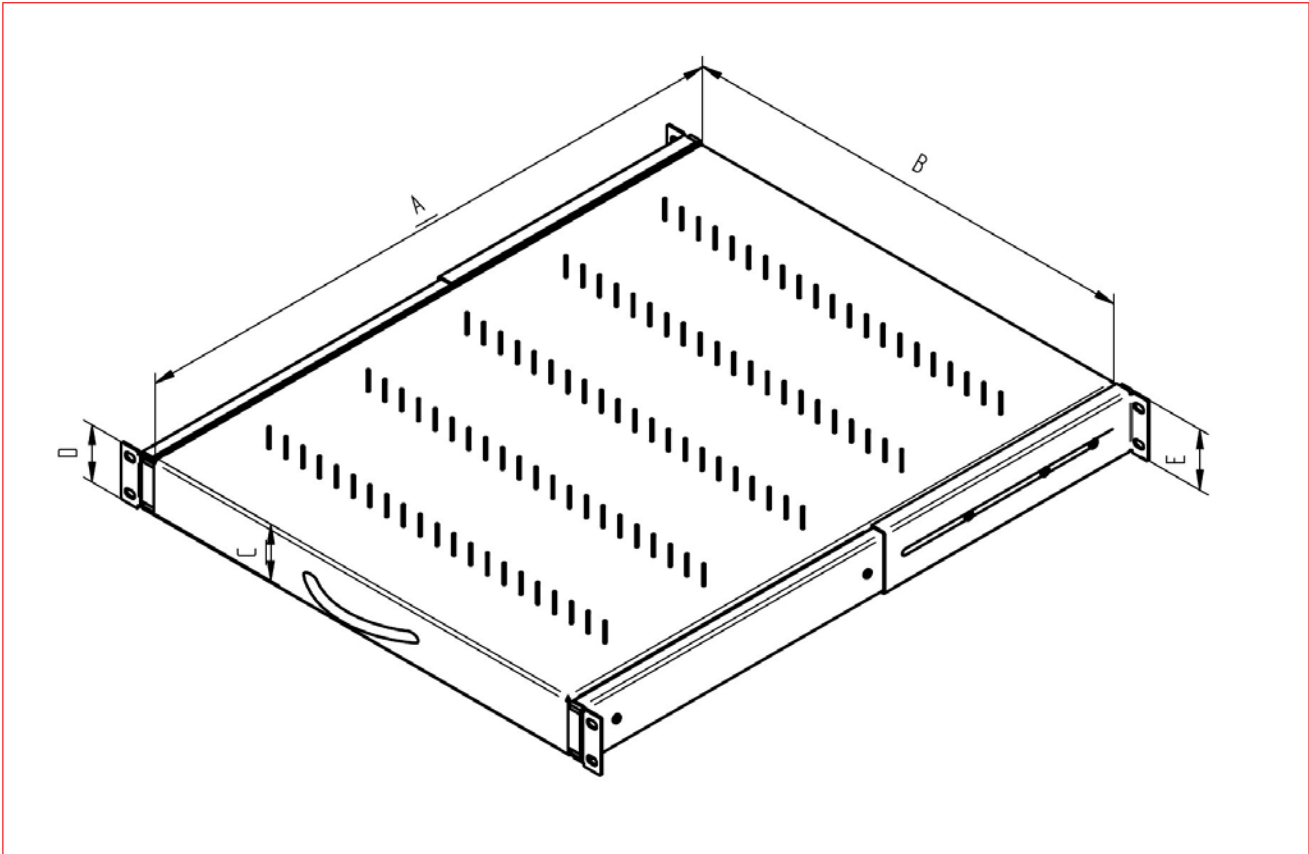
DFA14845

SCHRACK-INFO

Shelves are used for equipment that has no 19"-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included in delivery. These sliding shelves with full extension offer easy access to equipment on it.

- Powder coated steel sheet
- Full extension.
- Color: RAL7035 (lightgrey)
- Perforated for optimized air-flow inside the cabinet.
- High load capability of up to 45kg, depending on depth.
- Used height: 45 / 50mm, depending on depth.
- 100% of space between 19"-vertical rails can be used -> Width for equipment: 450mm.
- Rear 19"-mounting brackets are included in delivery.
- Included assembly materials: 8x cage nuts, bolts and washers M6

DIMENSIONS



	A / mm	B / mm	C / mm	D / mm	E / mm	Mountig brackets included	Maximum load / kg
DFA14835	350	410	45	45	45	4	30
DFA14845	450	410	45	45	45	4	30
DFA14555	550	419	50	50	53	4	45
DFA14865	650	419	50	50	53	4	45

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865

Shelf for Keyboard 19"



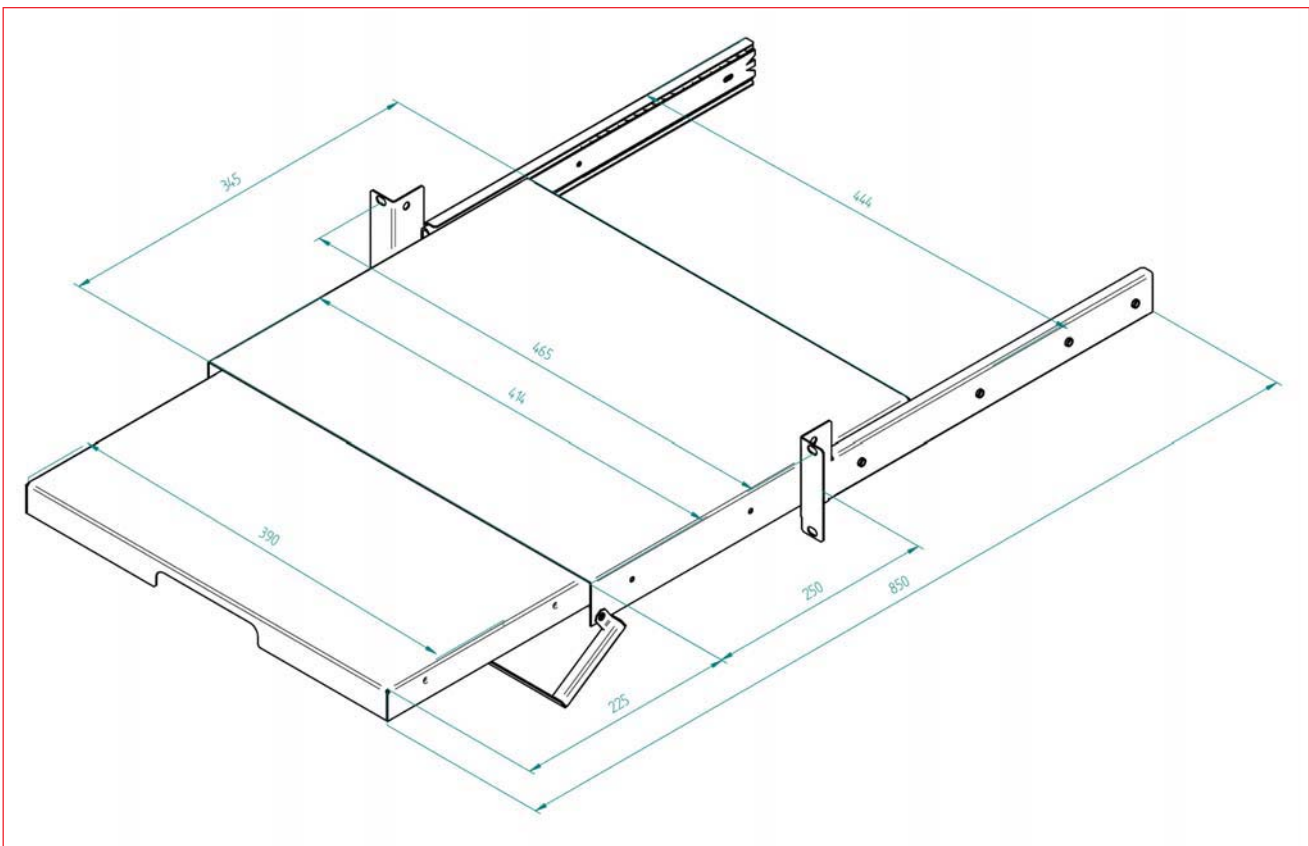
DFK24837

SCHRACK-INFO

Shelves are used for equipment that has no 19"-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included in delivery. These sliding keyboard shelves are designed for comfortable use and storage of a keyboard and a computer mouse.

- Powder coated steel sheet
- Color: RAL7035 (lightgrey)
- Load capability: 25kg.
- Pull-out mouse drawer.
- Lockable, two keys included.
- Used height: 2U.
- Width for equipment: 416mm.
- Rear 19"-mounting brackets are included in delivery.
- Included assembly materials: 8x cage nuts, bolts and washers M6.

DIMENSIONS



DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837



Shelf for documents 19"



DFA24835

SCHRACK-INFO

Document Shelves are used for storing documents or spare-parts. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included in delivery.

- Powder coated steel sheet
- Color: RAL7035 (lightgrey)
- Load capability: 25kg.
- Used height: 2U.
- Lockable, two keys included.
- Included assembly materials: 8x cage nuts, bolts and washers M6.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835

Shelf Holders



DFSZDS01



DFSZDS02



DFSZDW01

SCHRACK-INFO

- DFSZDS01 can be installed into all SCHRACK network enclosures with depth 900, 1.000 or 1.200mm to the middle, vertical rail. This adapter is used as rear support of equipment with low depth or as an additional, middle support of equipment with big depth.
- DFSZDS02 can be installed into all SCHRACK network enclosures with depth 900, 1.000 or 1.200mm to the middle, vertical rail. This adapter is needed to install 19"-equipment to the middle, vertical rail.
- DFSZDW01 can be installed into all SCHRACK wallmounting network enclosures with fixed sidepanels (DWxx6040 and DWxx605D) in the back-side and is used as rear support of 19"-equipment.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19 „ Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
19" Shelf holder for back of DW-enclosure with fixed sidepanel		DFSZDW01

Profile Rails vertical



DSPROF42



DSPROFNNU

SCHRACK-INFO

- These vertical profile rails fit to all SCHRACK network-enclosures with a maximum load of 400 kg (DW, DS, DSZ, DSI).
- In wallmounting enclosures DW with demountable sidepanels (DWxx6050, DWxx6060), the vertical profile rails can be used as a second pair. Thus equipment can also be fixed in the rear.
- In freestanding enclosures, it can be used as 3rd pair of rails.
- CAUTION: Vertical rails are sold per piece. Two pieces are usually needed (1 x left, 1 x right side).

DESCRIPTION	AVAILABLE	ORDER NO.
19" Profile rail 6U for DW-enclosures		DWPROF06
19" Profile rail 9U for DW-enclosures		DWPROF09
19" Profile rail 12U for DW-enclosures		DWPROF12
19" Profile rail 15U for DS-, DSZ-, DSI- and DW-enclosures		DSPROF15
19" Profile rail 18U for DS-, DSZ-, DSI- and DW-enclosures		DSPROF18
19" Profile rail 21U for DW-enclosures		DWPROF21
19" Profile rail 22U for DS-, DSZ- and DSI-enclosures		DSPROF22
19" Profile rail 27U for DS-, DSZ- and DSI-enclosures		DSPROF27
19" Profile rail 32U for DS-, DSZ- and DSI-enclosures		DSPROF32
19" Profile rail 37U for DS-, DSZ- and DSI-enclosures		DSPROF37
19" Profile rail 42U for DS-, DSZ- and DSI-enclosures		DSPROF42
19" Profile rail 45U for DS-, DSZ- and DSI-enclosures		DSPROF45
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNNU

Heavy Duty Rails



DBP10080

SCHRACK-INFO

- Powder coated steel sheet.
- Color: RAL7035 (lightgrey).
- L-bracket for connection between front and rear 19" profile rail.
- Bracket height 88mm.
- Bracket width 70mm.
- 368mm version for DS enclosures with 600mm depth.
- 568mm version for DS enclosures with 800mm depth.
- 668mm version for DS enclosures with 900mm depth.
- 768mm version for DS enclosures with 1,000mm depth.

DESCRIPTION	AVAILABLE	ORDER NO.
Mounting Angle Pair for 600 deep DS/DSZ/DSI-enclosures, D=380mm		DBP10060
Mounting Angle Pair for 800 deep DS/DSZ/DSI-enclosures, D=580mm		DBP10080
Mounting Angle Pair for 900 deep DS/DSZ/DSI-enclosures, D=680mm		DBP10090
Mounting Angle Pair for 1.000 deep DS/DSZ/DSI-enclosures, D=780mm		DBP10100



Order no. blue: on stock, usually ready for delivery on the day of order!

Fan Units 19"



DLT24802

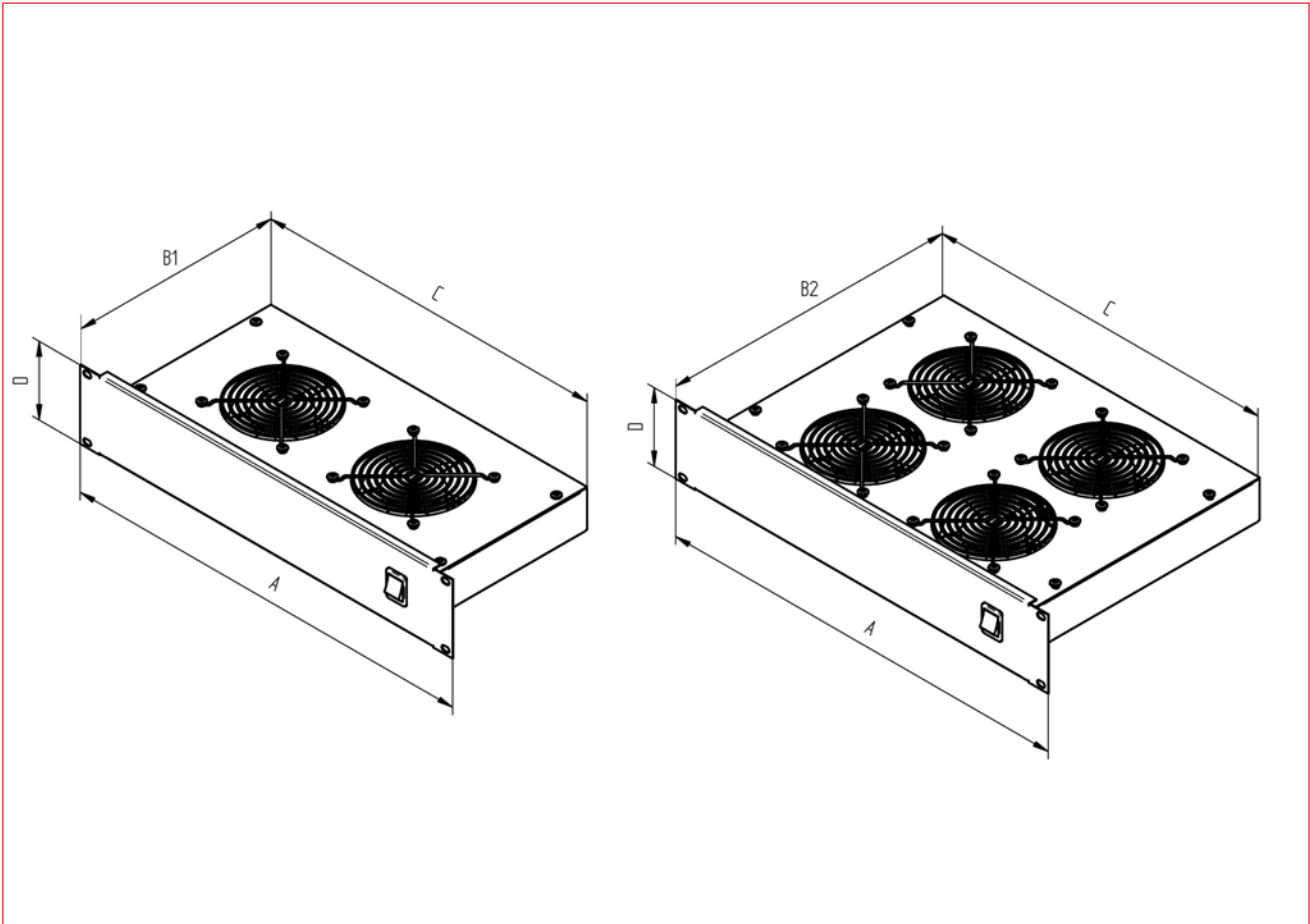


DLT24804

SCHRACK-INFO

- Powder coated sheet steel
- Color: RAL7035 (lightgrey).
- On-/off switch included.
- Thermostat included: setting range +5 to +55° C.
- Fans: 220-240VAC, 50/60Hz, 160m3/h
- Included assembly materials: 4x cage nuts, bolts and washers M6.

DIMENSIONS



	Fans	A / mm	B1 / mm	B2 / mm	C / mm	D / mm
DLT24802	2	483	220	-	410	2U
DLT24804	4	483	-	320	410	2U

DESCRIPTION	AVAILABLE	ORDER NO.
19" Fan-unit with 2 fans and thermostat, 2U, RAL7035		DLT24802
19" Fan-unit with 4 fans and thermostat, 2U, RAL7035		DLT24804

Light Units



DV900330-A



DV900336-A



IU008508



ASDSW010



DSADA001



DV900332



DV900300

SCHRACK-INFO

DV900330-A:

- Fastening by snap into 19" vertical rails.
- Fastening by magnet.
- Fastening by screw.
- Power supply unit 230VAC/50-60Hz.
- Service life: 10.000 hours.
- Light color: 4.300 K (cold white).

DESCRIPTION	AVAILABLE	ORDER NO.
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, Installation on 19"-rails, magnet or screwing		DV900336-A
Door Switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and door switch ASDSW010		DSADA001
Cable for door switch in DS/DSZ/DSS-enclosures		DV900332
Compact cabinet light w. magnetic fastening		IU008508
Powercord for IU008508 light-unit, 3m		DV900300



Order no. blue: on stock, usually ready for delivery on the day of order!

Din-Rail Panel



DAB34810



DAB34811



HSEH010GS



HSEH010GS

SCHRACK-INFO

- Powder coated sheet steel
- Color: RAL7035 (lightgrey).
- Depth: 133,35mm.
- 45mm cutout for max. 22 modules with 18mm width.
- Rack space required: 3U.
- Included assembly materials: 4x cage nuts, bolts and washers M6.

DESCRIPTION	AVAILABLE	ORDER NO.
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
DIN-rail adapter empty for 1 module (SFA)(SFB)		HSEH010GS

Pouch



ASDRA400

SCHRACK-INFO

- Self-adhesive pouch for circuit diagrams, DIN A4 format.
- Color: grey.
- Dimension: W220 x H230 x D30mm.
- Material: thermal plastic.
- Packing unit: 1 pc. including fixing materials.

DESCRIPTION	AVAILABLE	ORDER NO.
Document Pocket, Self Adhesive, DIN A4		ASDRA400

Other Accessories



DSSRA004



DV900333



DV900334



DSR00005-A



HDZS0010



HDZHI001



HSEKBK25HR

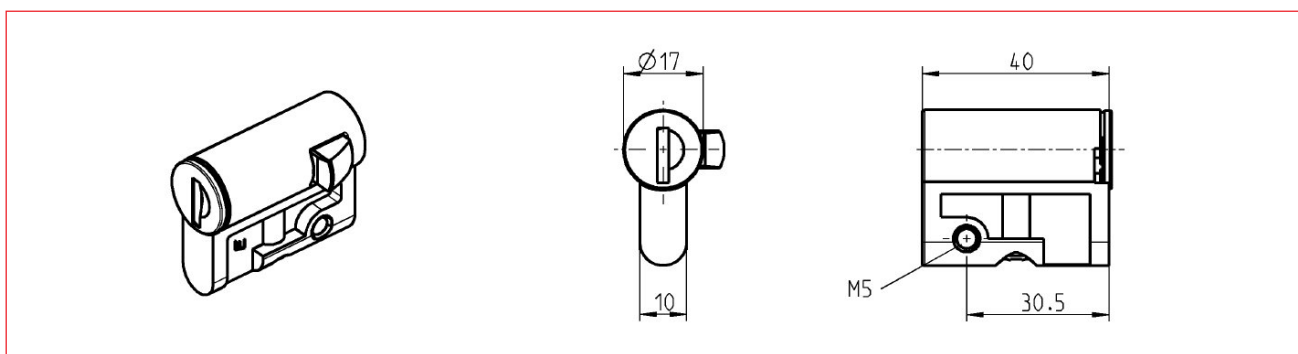


HSEKBK25HS

SCHRACK-INFO

Connection kit DSRA0002: This connection kit is designed to connect two network enclosures DS.

DIMENSIONS



DESCRIPTION	AVAILABLE	ORDER NO.
19" Mounting set M6, 4 pcs. each: screw, nut, washer		DSSRA004
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Halfcylinderlock keyed EK 333 including 1 key		DV900333
Key 333 for Halfcylinderlock DV900333		DV900334
Halfcylinderlock different keyed including 1 key		DV900335
Connection-Kit for joining together DS/DSZ- enclosures		DSRA0002
Castors (2 with brake, 2 without brake) for DS/DSZ-enclosure up to 800kg Load		DSR00005-A
Swinghandle prepared for halfcylinder for DS/DSZ-enclosure		HDZS0010
Hinge for Network enclosure DS/DSZ/DW, left-right, max. 15kg		HDZHI001
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025



Order no. blue: on stock, usually ready for delivery on the day of order!



Network technology-, computer-accessories

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/// HDMI CABLES



/// SWITCH GIGABIT





Network technology-, computer-accessories

Active components such as Gigabit switches for SOHO and SME solutions. FO SFPs or media converters for connection to a backbone. We also provide the complete PC accesory range.

Switches 10/100 Desktop



Q7NI707530



Q7S108



Q7TEH160SK

SCHRACK-INFO

Switches connect devices like PCs, network-printer, internet-router, servers, etc. Space-saving Desktop-Chassis with external power-supply. Silent because of design without fan. The unmanaged series of switches is easy to install (Plug and Play). The switches recognize all attached devices automatically and choose automatically the optimal speed. No manual setting necessary. All switches support Autocrossing-functionality. Thus they recognize if a cross-over patchcord would be needed and cross the link automatically.

DESCRIPTION	AVAILABLE	ORDER NO.
Switch 5xRJ45 10/100, Silent, without fan, external PSU, Plastic-Chassis, Desktop		Q7NI707530
Switch 8xRJ45 10/100, Silent, without fan, external PSU, Plastic-Chassis, Desktop		Q7S108
Switch 16xRJ45 10/100, Silent, without fan, external PSU, Plastic-Chassis, Desktop		Q7TEH160SK

Switches 10/100 19"



Q7TEH2400M



Q7TEH1026G

SCHRACK-INFO

Switches connect devices like PCs, network-printer, internet-router, servers, etc. 19"-Chassis with internal power-supply. Designed for installation into networking enclosures. In noise-sensitive environments, the silent, because fan-less, switches Q7TEH1600M/Q7TEH2400M are used. The unmanaged series of switches is easy to install (Plug and Play). The switches recognize all attached devices automatically and choose automatically the optimal speed. No manual setting necessary. All switches support Autocrossing-functionality. Thus they recognize if a cross-over patchcord would be needed and cross the link automatically. For long-distance connections (>100m) fiber-optics cabling has to be used. Multimode fibers offer connections up to 2km at a speed of 100Mbit/s or 550m at a speed of 1Gbit/s. Singlemode fibers offer connections up to 10km at a speed of 1Gbit/s.

DESCRIPTION	AVAILABLE	ORDER NO.
Switch 16xRJ45 10/100, Silent, without fan, internal PSU, Metal-Chassis, 19"		Q7TEH1600M
Switch 24xRJ45 10/100, Silent, without fan, internal PSU, Metal-Chassis, 19"		Q7TEH2400M
Switch 48xRJ45 10/100, internal PSU, Metal-Chassis, 19"		Q7TEH1048
Switch 24x10/100 + 2x10/100/1000 + 2xSFP shared, Silent, without fan, internal PSU, Metal-Chassis, 19"		Q7TEH1026G

Switches Gigabit 1000 Desktop



Q7G1005D



Q7G1008D



Q7NI707543



Q7TEG1008

SCHRACK-INFO

Switches connect devices like PCs, network-printer, internet-router, servers, etc. Space-saving Desktop-Chassis with external power-supply. Silent because of design without fan. The unmanaged series of switches is easy to install (Plug and Play). The switches recognize all attached devices automatically and choose automatically the optimal speed. No manual setting necessary. All switches support Autocrossing-functionality. Thus they recognize if a cross-over patchcord would be needed and cross the link automatically.

DESCRIPTION	AVAILABLE	ORDER NO.
Switch 5xRJ45 10/100/1000, Silent, without fan, external PSU, Plastic-Chassis, Desktop		Q7G1005D
Switch 8xRJ45 10/100/1000, Silent, without fan, external PSU, Plastic-Chassis, Desktop		Q7G1008D
Switch 8xRJ45 10/100/1000, Silent, without fan, external PSU, Plastic-Chassis, Desktop		Q7NI707543
Switch 8xRJ45 10/100/1000, Silent, without fan, external PSU, Metal-Chassis, Desktop		Q7TEG1008

Switches Gigabit 1000 19"



Q7TEG1016G



Q7TEG1024G

SCHRACK-INFO

Switches connect devices like PCs, network-printer, internet-router, servers, etc. 19"-Chassis with internal power-supply. Designed for installation into networking enclosures. The unmanaged series of switches is easy to install (Plug and Play). The switches recognize all attached devices automatically and choose automatically the optimal speed. No manual setting necessary. All switches support Autocrossing-functionality. Thus they recognize if a cross-over patchcord would be needed and cross the link automatically. For long-distance connections (>100m) fiber-optics cabling has to be used. Multimode fibers offer connections up to 2km at a speed of 100Mbit/s or 550m at a speed of 1Gbit/s. Singlemode fibers offer connections up to 10km at a speed of 1Gbit/s.

DESCRIPTION	AVAILABLE	ORDER NO.
Switch 16xRJ45 10/100/1000, internal PSU, Metal-Chassis, 19"		Q7TEG1016G
Switch 24xRJ45 10/100/1000, internal PSU, Metal-Chassis, 19"		Q7TEG1024G
Switch 24xRJ45 10/100/1000 + 4xSFP shared, SNMP, Stackable, internal PSU, Metal-Chassis, 19"		QTSGWS2404



Order no. blue: on stock, usually ready for delivery on the day of order!

Mediaconverters Desktop



Q7TER850S

SCHRACK-INFO

Mediaconverters connect 2 networks via fiber optics. It is signal conversion but no signal refreshment or amplification. Thus a maximum of 2 converters can be installed in a row. After that a switch has to be used. Typical application is that a switch with RJ45-ports is connected with a copper patchcord (Recommendation: max. 3m) to a media converter. The signal is then transmitted via a fiber optics link to a switch with fiber optics port or again via a mediaconverter and copper patchcord to a RJ45-switch. Caution: The FO-ports of the mediaconverters must be compatible (10 or 100 Mbps, FL, FX, SX or LX-connection). We recommend to use the same type of mediaconverter in pairs.

DESCRIPTION	AVAILABLE	ORDER NO.
Mediaconverter 1xRJ45 10/100 - 1xFO SC 100 Multimode 2km		Q7TER850S
Mediaconverter 1xRJ45 10/100 - 1xFO SC 100 Singlemode 15km		Q7TER860S
Mediaconverter 1xRJ45 10/100 - 1xFO ST 100 Multimode 2km		QTFT801
Mediaconverter 1xRJ45 10/100/1000 - 1xFO SC 1000 Multimode 550m		QTGT702

SFPs



Q7SFPSX

SCHRACK-INFO

Q7SFP.. are transceiver modules for Gigabit Ethernet data-links via a fiber optics pair. The transceiver modules follow the Small Formfactor Pluggable (SFP) Multisource Agreement (MSA). Compatible with SCHRACK Q7-Ethernet switches with SFP-slot and to switches of many other vendors.

DESCRIPTION	AVAILABLE	ORDER NO.
FO-Module SFP 1000BaseSX LC Multimode VCSEL 850nm, 550m		Q7SFPSX
FO-Module SFP 1000BaseLX LC Singlemode 1310nm, 10km		Q7SFPLX10

▀ Routers



Q7NI707532

▀ SCHRACK-INFO

This broadband-router enables you to share a broadband internet connection easily with several computers at the same time. It also enables the sharing of files within a closed network, independent if it is your home or office.

DESCRIPTION	AVAILABLE	ORDER NO.
Router/Switch 10/100, 4xRJ45 LAN, 1xRJ45 WAN, IEEE 802.3/802.3u		Q7NI707532

▀ Routers with Wireless



Q7NI707517



Q7NI707534



Q7NI707533

▀ SCHRACK-INFO

These wireless broadband-routers are the center of your wireless or wired network. They enable the access of all your PCs, Laptops, Smartphones, Game stations, etc. to the broadband internet connection in your home or office.

DESCRIPTION	AVAILABLE	ORDER NO.
Router Wireless Access Point, ECO, 802.11n, 150Mbps, 4xLAN, 1WAN		Q7NI707517
Router Wireless Access Point, 5dBi, 802.11n, 300Mbps, 4xLAN, 1xWAN		Q7NI707534
Router Wireless Access Point, Gigabit, 802.11n, 300Mbps, 1xUSB2.0, 4xLAN, 1xWAN		Q7NI707533



Order no. blue: on stock, usually ready for delivery on the day of order!

Wireless LAN

Wireless LAN Adapter



Q7NI707518



Q7NI707535



Q7NI707524

SCHRACK-INFO

For connection of PC's or laptops to the wireless router. Enables the access to the broadband internet connection in your home or office.

DESCRIPTION	AVAILABLE	ORDER NO.
Wireless USB 2.0 Adapter, 802.11n, 150Mbps		Q7NI707518
Wireless USB 2.0 Adapter, 802.11n, 300Mbps, Blisterpack		Q7NI707535
Wireless Cardbus Adapter, 802.11n, 300Mbps		Q7NI707524

Wireless Accesspoints with integrated Router



Q7NI707533



Q7NI707534



Q7NI707517

SCHRACK-INFO

These wireless Accesspoints are the center of your wireless or wired network. They enable the access of all your PCs, Laptops, Smartphones, Game stations, etc. to the broadband internet connection in your home or office.

DESCRIPTION	AVAILABLE	ORDER NO.
Router Wireless Access Point, Gigabit, 802.11n, 300Mbps, 1xUSB2.0, 4xLAN, 1xWAN		Q7NI707533
Router Wireless Access Point, 5dBi, 802.11n, 300Mbps, 4xLAN, 1xWAN		Q7NI707534
Router Wireless Access Point, ECO, 802.11n, 150Mbps, 4xLAN, 1xWAN		Q7NI707517

Wireless IP Cameras



Q7I75103

DESCRIPTION	AVAILABLE	ORDER NO.
IP Camera Indoor WLAN 10/100Mbps, 738x480, IR LED, Night vision		Q7I75103

USB Hubs 3.0



Q7AI707937



Q7AI707938



Q7I73368

SCHRACK-INFO

Connecting an external hub to an USB-port increases the number of USB-ports of this PC or laptop. The USB 3.0 hubs come with an external power supply. Transmission speed up to 4.000Mbit/s. Up to 8 times faster than USB 2.0. Backwards compatible to USB 2.0 and USB 1.1.

DESCRIPTION	AVAILABLE	ORDER NO.
USB 3.0 Hub 4-Port, 5Gbps, external PSU 5V/3.5A, Black		Q7AI707937
USB 3.0 Hub 4-Port, 5Gbps, external PSU 5V/4A, Black		Q7AI707938
USB 3.0 Hub 4-Port, 5Gbps, external PSU 5V/4A, Black		Q7I73368

USB Hubs 2.0



Q7AI707924



Q7AI707927



Q7AI707906



Q7I73365



Q7AI707914



Q7AI707905



Q7I73583

SCHRACK-INFO

Connecting an external hub to an USB-port increases the number of USB-ports of this PC or laptop. The USB 2.0 hubs come with an external power supply. Mini-hubs obtain their power directly from the USB-port of the laptop or PC and do not have an own power-supply. Transmission speed up to 480Mbit/s. Backwards compatible to USB 1.1.

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 Hub 10-Port, external PSU 5V/3A, White		Q7AI707924
USB 2.0 Hub 7-Port, external PSU 5V/2A, White		Q7AI707927
USB 2.0 Hub 4-Port, external PSU 5V/2A, White		Q7AI707906
USB 2.0 Hub 7-Port Black, external PSU, Black, Blue LED-Light		Q7I73365
USB 2.0 Mini-Hub 4-Port Revolving, Bus Powered, Silver		Q7AI707914
USB 2.0 Mini-Hub 4-Port, Bus-powered, White		Q7AI707905
USB 2.0 Mini-Hub 4-Port, Bus-powered, Black		Q7I73583



Order no. blue: on stock, usually ready for delivery on the day of order!

USB Hubs 2.0 with Cardreader



Q7AI707925



Q7AI707926



Q7AI707913



Q7173586

SCHRACK-INFO

Connecting an external hub to an USB-port increases the number of USB-ports of this PC or laptop. The USB 2.0 hubs come with an external power supply. Mini-hubs obtain their power directly from the USB-port of the laptop or PC and do not have an own power-supply. Transmission speed up to 480Mbit/s. Backwards compatible to USB 1.1. The integrated card-reader reads and writes all common used memory cards.

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 Hub 6-Port & Cardreader, external PSU 5V/2A, White		Q7AI707925
USB 2.0 Hub 3-Port & Cardreader, external PSU 5V/2A, White		Q7AI707926
USB 2.0 Mini-Hub 3-Port & Cardreader, Bus-powered, White		Q7AI707913
USB 2.0 Cardreader, Bus-powered, Silver		Q7173586

IP Cameras Indoor



Q7ATNC2KIT



Q7175124



Q7175103

DESCRIPTION	AVAILABLE	ORDER NO.
NetCamera Ethernet System 2 Kit, Videosurveillance via Ethernet		Q7ATNC2KIT
IP Camera Indoor, 10/100Mbps, 753x582, H.264, Motor,opt.Zoom		Q7175124
IP Camera Indoor WLAN 10/100Mbps,738x480,IR LED,Night vision		Q7175103

IP Cameras Outdoor



Q7175107



Q7175109



Q7175123



Q7175125

DESCRIPTION	AVAILABLE	ORDER NO.
IP Camera Outdoor, 10/100Mbps,753x582,H.264,IP76,Zoom,NightVi		Q7175107
IP Camera Outdoor, 10/100Mbps,753x582,H.264,IP76,Night Vision		Q7175109
IP Camera Outdoor, 10/100, 1280x1024,H.264,IP76,Night Vision		Q7175123
IP Camera Outdoor, 10/100, 753x582,H.264,IP66,Zoom,NV,Heater		Q7175125

Webcams



Q7VI707801



Q7VI707802



Q7VI707803



Q7173233

SCHRACK-INFO

These webcams give you the opportunity to have a face-to-face conversation with your friends around the globe. With the built-in microphone you don't need an extra headset.

DESCRIPTION	AVAILABLE	ORDER NO.
Webcam 640x480 (VGA), USB2.0, Microphone, Standing, black		Q7VI707801
Webcam 1280x1024, USB2.0, Mikrophone, Standing, black/silver		Q7VI707802
Webcam 1280x720 HD, USB2.0, Mikrophone, Standing, black		Q7VI707803
Mini Webcam, USB 2.0, 800x600, Mikrofon, 4xLED, Clip		Q7173233



Order no. blue: on stock, usually ready for delivery on the day of order!

Computer mice USB



Q7AI707928



Q7AI707929



Q7AI707930



Q7AI707908



Q7I72895

SCHRACK-INFO

These stylish designed and ergonomic shaped optical mice have a high-resolution optical sensor of minimum 800dpi for exact scan and great precision.

DESCRIPTION	AVAILABLE	ORDER NO.
Mouse, USB, Optical LED, White, 800dpi, changing LED colours		Q7AI707928
Mouse, USB, Optical, White, 800dpi, 3keys, Blue LED		Q7AI707929
Mouse, USB, Optical, Black/Red, 1600dpi, 5keys		Q7AI707930
Mouse, USB, Optical IR Laser, White, Blue LED, 1000dpi		Q7AI707908
Mouse, USB, Optical Ergo, 800dpi, 3 keys, Black/Silver		Q7I72895

Computer mice Mini USB



Q7AI707931



Q7AI707932



Q7AI707941



Q7I72908

SCHRACK-INFO

These stylish designed and ergonomic shaped optical mini-mice have a high-resolution optical sensor of minimum 800dpi for exact scan and great precision. Thanks to the compact design these mini-mice will fit into any notebook bag.

DESCRIPTION	AVAILABLE	ORDER NO.
Mouse Mini, USB, Optical, Black, 800dpi, 3keys		Q7AI707931
Mouse Mini, USB, Optical, Black/Grey, 800dpi, 3keys		Q7AI707932
Mouse Mini, USB, Optical, White/Silver, 800dpi, 3keys		Q7AI707941
Mouse Mini, USB, Optical, Black, 800dpi, 3 keys		Q7I72908

Computermouses Wireless



Q7AI707934

SCHRACK-INFO

This stylish designed and ergonomic shaped wireless mouse has a high-resolution optical sensor of 1.000dpi for exact scan and great precision. Enjoy the freedom that this wireless mouse gives you.

DESCRIPTION	AVAILABLE	ORDER NO.
Mouse, Wireless, Optical, White/Silver, 1000dpi, 3keys		Q7AI707934

Computermouses Mini Wireless



Q7AI707933



Q7AI707942



Q7I72909



Q7I72913

SCHRACK-INFO

These stylish designed and ergonomic shaped wireless mini-mouses have a high-resolution optical sensor of minimum 800dpi for exact scan and great precision. Enjoy the freedom that this wireless mouse gives you. Thanks to the compact design these mini-mouses will fit into any notebook bag.

DESCRIPTION	AVAILABLE	ORDER NO.
Mouse Mini, Wireless, Black/Grey, 1000dpi, 3keys		Q7AI707933
Mouse Mini, Wireless, White/Silver, 1000dpi, 3keys		Q7AI707942
Mouse Mini, Wireless, Black, 1000/1600dpi, 3 keys		Q7I72909
Mouse Mini, Wireless, Orange, 1000/1600dpi, 3 keys		Q7I72913
Mouse Mini, Wireless, Black, 800dpi, 5 keys		Q7I75055

Mousepads



Q7TI707603



Q7TI707604



Q7TI707605



Q7TI707606



Q7TI707607



Q7TI71150



Q7TI71151



Q7TI71152

SCHRACK-INFO

With the mousepad you create a secure base for all kinds of mouses. Enjoy the accuracy and comfort in daily use.



Order no. blue: on stock, usually ready for delivery on the day of order!

Mousepads

DESCRIPTION	AVAILABLE	ORDER NO.
Mousepad Standard, 220x180x1 mm, Black		Q711707603
Mousepad, Notebook, 260x160x0.5 mm, Microfiber, Black		Q711707604
Mousepad, Ultrathin, 240x190x0.4 mm, Black		Q711707605
Mousepad Rubber, 240x190x3 mm, Black		Q711707606
Mousepad Rubber XL, 220x300x4 mm, Black		Q711707607
Mousepad with USB 2.0 Hub 4Port, blue lighted, 10mm, Black		Q71171150
Mousepad with Silikon Gelly, Wrist Rest, 3mm, Black		Q71171151
Mousepad with Silikon Gelly, Wrist Rest, 3mm, Blue		Q71171152

Keyboards USB



Q7173290



Q7172611



Q7172612



Q7172617



Q7173501

DESCRIPTION	AVAILABLE	ORDER NO.
Keyboard, 104 Keys, USB, Black		Q7173290
Keyboard Foldable, 106 Keys, USB & PS/2, Black		Q7172611
Keyboard Foldable, 106 Keys, USB & PS/2, White		Q7172612
Keyboard Foldable, 106 Keys, USB & PS/2, Orange		Q7172617
Keyboard Addition, USB, Standard Keypad with 19 Keys		Q7173501

Keyboards Wireless



Q7172629

DESCRIPTION	AVAILABLE	ORDER NO.
Keyboard Foldable, 106+18 Keys, Wireless USB, Black		Q7172629

Keyboard - Mouse - Sets



Q7173795

DESCRIPTION	AVAILABLE	ORDER NO.
Keyboard and Mouse Set, Wireless, 5 Keys Mouse Black/Silver		Q7173795

Notebook Travelling - Set



Q7173609

DESCRIPTION	AVAILABLE	ORDER NO.
Notebook Traveller Set, Mouse, Keypad, USB 2.0 Hub 4Port, Lamp		Q7173609

Keyboard Extension PS2



Q7130275

DESCRIPTION	AVAILABLE	ORDER NO.
Keyboard Extension, PS2, mini-DIN-6 male - female, 3m		Q7130275

Loudspeakers



Q7MI707212



Q7MI707211



Q7100025



Q7100037

SCHRACK-INFO

Simply connect the Stereo Multimedia speaker set to the sound card's output jack and take full advantage of its audio capabilities. Listening to your favourite music, movies or video games has never been more enjoyable, thanks to the crisp and excellent sound quality of the speakers.

DESCRIPTION	AVAILABLE	ORDER NO.
Speaker Set 2.1, 10W + 2x2W, Wooden Subwoofer, 3.5mm StereoJack		Q7MI707212
Speaker, Portable for Notebook, USB 2.0		Q7MI707211
Speaker Set 2.0, Stereo, Active, 2x2W, USB Power, Black		Q7100025
Speaker, Portable, Active, 1x2W RMS, USB Power or Battery, Black		Q7100037

Headsets



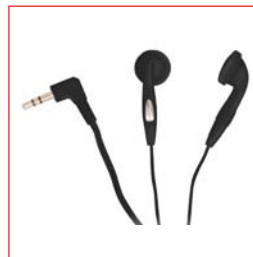
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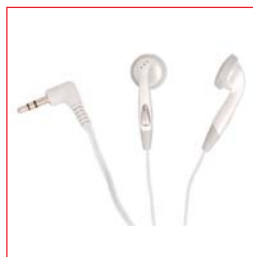
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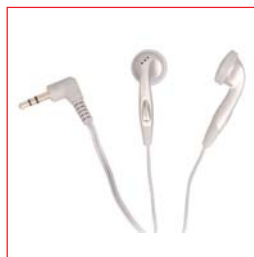
Q7MI707206



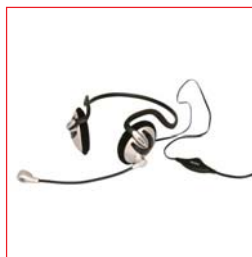
Q7MI707202



Q7MI707203



Q7MI707201



Q7MI707207



Q7MI707208

SCHRACK-INFO

Multimedia headsets with microphone and volume control are ideal for use for internet-telephony and online-games. MP3 stereo headsets are for enjoying music in best sound quality.



Q7110508

DESCRIPTION	AVAILABLE	ORDER NO.
Headset with microphone and Volume control, 2x3.5mm, Black		Q7MI707204
Headset with microphone, 2x3.5mm Plug, Black		Q7MI707205
Headset with microphone + Volume control, USB, Foldable, Black		Q7MI707206
Headset Stereo MP3, 3.5mm Plug, Black		Q7MI707202
Headset Stereo MP3, 3.5mm Plug, White		Q7MI707203
Headset Stereo MP3, 3.5mm Plug, Silver		Q7MI707201
Headset Neckband, w. microphone+Volume control, 2x3.5mm, Black		Q7MI707207
Headset Neckband, Sporty Ultralight, 3.5mm Plug, Black		Q7MI707208

Headsets Earbuds



Q7MI707213



Q7MI707214



Q7MI707215

SCHRACK-INFO

MP3 stereo headsets (earbuds) are for enjoying music in best sound quality. Ideal for use with portable audio devices.

DESCRIPTION	AVAILABLE	ORDER NO.
Headset „In Ear“, Stereo, MP3, 3.5mm Plug, Black		Q7MI707213
Headset „In Ear“, Stereo, MP3, 3.5mm Plug, White		Q7MI707214
Headset „In Ear“, Stereo, HQ-HiFi, 3.5mm Plug, Aluminium		Q7MI707215

Microphones



Q7MI707209

SCHRACK-INFO

Designed for internet telephony.

DESCRIPTION	AVAILABLE	ORDER NO.
Microphone Desktop, Black, 1.8m cable		Q7MI707209

Notebook Back Packs



Q7BI707426

SCHRACK-INFO

Protect your notebook with this ergonomic notebook backpack, while transporting it comfortable and keeping your hands free on the go. With the many compartments you can also take along your accessories.

DESCRIPTION	AVAILABLE	ORDER NO.
Notebook Back Pack up to 17", Nylon, Black, Innerdimension 280x440x160		Q7BI707426



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Notebook Bags



Q7BI707403



Q7BI707412



Q7BI707413



Q7BI707414



Q7BI707415



Q7BI707425



Q7I70097

■ SCHRACK-INFO

Protect your notebook with these ergonomic notebook bags, while transporting it comfortable. They have many compartments so that everything fits in it. No need to carry an extra bag to the office.

DESCRIPTION	AVAILABLE	ORDER NO.
Notebook Bag EXTRA 17", 457 x 98 x 373 mm, Black		Q7BI707403
Notebook Bag EASY 13", 375 x 60 x 270 mm, Black		Q7BI707412
Notebook Bag EASY 16", 455 x 82 x 340 mm, Black		Q7BI707413
Notebook Bag EASY 18", 507 x 73 x 374 mm, Black		Q7BI707414
Notebook Bag EXTRA 16", 460 x 82 x 330 mm, Black		Q7BI707415
Notebook Messenger Bag 16", Jacquard, Black		Q7BI707425
Notebook Bag, Notebooks 16", Koskin, Black		Q7I70097

■ Notebook Sleeves



Q7BI707419



Q7BI707420



Q7BI707421

■ SCHRACK-INFO

Put your notebook in one of these notebook sleeves to make sure that it's protected against scratches and dust. Can be used with or without an existing notebook bag. The zipper closure will give you a quick access in case you need your notebook rapidly.

DESCRIPTION	AVAILABLE	ORDER NO.
Notebook Sleeve 10", Neoprene Black/Grey		Q7BI707419
Notebook Sleeve 13", Neoprene Black/Grey		Q7BI707420
Notebook Sleeve 16", Neoprene Black/Grey		Q7BI707421

■ Notebook Power Supplies



Q7PI707721



Q7PI707723



Q7116748



Q7116753

■ SCHRACK-INFO

With this universal notebook AC adapter you can easily replace a notebook power supply or use it as an extra power supply for a different workplace.

DESCRIPTION	AVAILABLE	ORDER NO.
Notebook PSU, 120W AC, DC 12-19V, 1xUSB 5V, Auto adjust		Q7PI707721
Adapter Tip Dell for Q7PI707721, 7.4x5mm, 19.5V, CMOS chip		Q7PI707723
Adapter Tip HP for Q7PI707721, 7.4x5mm, 18.5V, CMOS chip		Q7PI707724
Notebook Universal PSU, 100-240V, 12-22V, 6500mA		Q7116748
Notebook PSU, 90W, 12/220V, 15-24V, 4500mA		Q7116753
Notebook Universal PSU, 90W, 220V, 15-24V, 4000mA		Q7116755

■ Harddisk Enclosures



Q7SI707127



Q7SI707128



Q7SI707132



Q7SI707186

■ SCHRACK-INFO

Make an external harddisk from an internal harddisk and swap big files between PCs, save backups from your important files or just take everything with you.

DESCRIPTION	AVAILABLE	ORDER NO.
3.5" SATA HDD Enclosure, SATA internal, USB2.0 Extern		Q7SI707127
2.5" SATA HDD Enclosure, SATA internal, USB2.0 Extern		Q7SI707128
2.5" Enclosure Design, SATA to ESATA & USB2.0		Q7SI707132
2.5" SATA Enclosure USB 3.0, SATA internal, USB3.0 external		Q7SI707186



Order no. blue: on stock, usually ready for delivery on the day of order!

Harddisk Docking Stations



Q7SI707173



Q7SI707185



Q7173956

SCHRACK-INFO

With an HDD docking you can make an internal harddisk available to your PC through an USB connector and store or backup files.

DESCRIPTION	AVAILABLE	ORDER NO.
HDD Docking Station, 2.5/3.5" SATA to eSATA/USB 2.0		Q7SI707173
HDD Docking Station, 2.5/3.5" SATA to USB 3.0		Q7SI707185
HDD Docking Station, SATA Quick Port, SATA HDD - USB2.0, White		Q7173956

Harddisk SATA Accessories



Q7AI707919



Q7C707643

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 zu SATA/IDE Adapter		Q7AI707919
E-SATA Cable, SATA Serial-ATA Data, 1m		Q7C707643

Bluetooth Adapters



Q7NI707519



Q7NI707520



Q7NI707528

SCHRACK-INFO

Create a wireless link with your mobile phone, headset and other Bluetooth® devices.

DESCRIPTION	AVAILABLE	ORDER NO.
Bluetooth Adapter USB, 20m, Class II v2.1, 1Mbps		Q7NI707519
Bluetooth Mini Adapter, USB, 20m, Class II v2.1, EDR		Q7NI707520
Bluetooth Adapter, USB, 100m, Class I v2.1, EDR, 3Mbps		Q7NI707528

Cardreaders



Q7SI707101



Q7SI707108



Q7SI707170



Q7SI707172

SCHRACK-INFO

The card readers allow to transfer files between a range of mobile memory cards and your PC. Move, save and delete all types of files including data, videos, images, games and music. Easy to install. The ideal accessory for your mobile phone, digital camera and PDA.

DESCRIPTION	AVAILABLE	ORDER NO.
Card Reader, USB 2.0, Black		Q7SI707101
Card Reader Mini, 16-in-1, USB 2.0		Q7SI707108
Card Reader, USB 2.0, White		Q7SI707170
Card Reader Mini, USB 2.0, White		Q7SI707172

Powercords



Q7C707636



Q7C707637



Q7C707638



Q7C707639



Q7I72506



Q7I72902

DESCRIPTION	AVAILABLE	ORDER NO.
Powercord, Euro - Euro8, Black, 1.8m		Q7C707636
Powercord Schuko - C13 female, Black, 1.8m		Q7C707637
Powercord Extension Cable, C13, Black, 1.8m		Q7C707638
Powercord, Schuko - C5 (Triangle) female, Black, 1.8m		Q7C707639
Powercord, Euro - Euro8, Black, 1.8m		Q7I72506
Powercord, Schuko - C5 (Triangle) female, Black, 1.8m		Q7I72902



Order no. blue: on stock, usually ready for delivery on the day of order!

Graphic Accessories



Q7170387



Q7173303

DESCRIPTION	AVAILABLE	ORDER NO.
PC to TV Converter, In: VGA, Out: Cinch / S-VHS / VGA		Q7170387
Video+Extender Set, Cat.5 up to 150m, SVGA / AU - RJ45		Q7173303

Notebook Cooler



Q7174042

DESCRIPTION	AVAILABLE	ORDER NO.
Notebook Cooler, 3 fans, 30cm, 3000rpm, 21dBA		Q7174042

Office Accessories



Q7140088



Q7120002



Q7440837



IK193901

DESCRIPTION	AVAILABLE	ORDER NO.
Shredder for Paper, CDs and Creditcards		Q7140088
Telephone Swivel Adapter, female for Telephone-Handset		Q7120002
Notebook Lock, Numeric lock, Cable 1.5m		Q7440837
Marking Pen black		IK193901
Marking Pen red		IK198901

Digital Photo Frame



Q7VI707806

SCHRACK-INFO

This Digital Photo Frame 8" is the ideal way to show all your digital photos from an USB stick or SD/MMC card. Watch photos individually or show them in a continuous slide show. With the build-in memory you can store and organize your photos any way you want.

DESCRIPTION	AVAILABLE	ORDER NO.
Digital Photo Frame, 8"/20,3cm, 800x600, USB2/SD/MMC, Remote Control		Q7VI707806

Notebook Travelling - Set



Q7I73609

DESCRIPTION	AVAILABLE	ORDER NO.
Notebook Traveller Set, Mouse, Keypad, USB 2.0 Hub 4Port, Lamp		Q7I73609

Printer Cables



Q7I30184



Q7I30024



Q7I70953

DESCRIPTION	AVAILABLE	ORDER NO.
Printer Cable, parallel, DB25 male - Centronics 36 male, 1.8m		Q7I30184
Extension Cable, DB25 male - female, 25 wires, 1:1, 2m		Q7I30024
Data Cable seriell/parallel, DB25 male-male, 25 wires, 1:1, 2m		Q7I30026
Data Cable seriell/parallel, DB25 male-male, 25 wires, 1:1, 3m		Q7I30042
USB Parallel Converter Kabel, USB A male-Centronics male, 1.8m		Q7I70953

Network Server USB



Q7I73953

DESCRIPTION	AVAILABLE	ORDER NO.
Network Server, RJ45 - 4x USB2.0, black		Q7I73953



Order no. blue: on stock, usually ready for delivery on the day of order!

Charger Sets



Q7PI707713



Q7PI707706



Q7PI707712



Q7C707647



Q7PI707730



Q7PI707732



Q7I73622



Q7420302

SCHRACK-INFO

USB mobile phone chargers 5V-DC for connection to a 115V/230V-AC socket and/or a 12V/24V-DC car socket. 2.1A-versions also suitable for Tablets.

DESCRIPTION	AVAILABLE	ORDER NO.
Charger Set USB, Car adapter and AC adapter, 5VDC, Black		Q7PI707713
Charger Car Adapter 12/24V, 1xUSB female 5VDC- 0.5A-1A, black		Q7PI707706
Charger USB, 110-240VAC -> 5VDC - 1A, 2xUSB female, Black		Q7PI707712
USB 2.0 Charge & Sync Cable, USB A Male - Lightning Male, Mfi License, 2.1A, 1.0m		Q7PI707754
USB 2.0 iPod/iPhone/iPad Cable, A male-iPod 30 pin male, 1m		Q7C707647
Charger 110-240VAC->5VDC-2.1A(iPad), 1xUSB female+cable, white		Q7PI707730
Charger Car Adapter 12/24V, 1xUSB 5VDC-2.1A(iPad)+cable, white		Q7PI707732
USB Charger Set 12V / 220V, Output: 5V, 1000mA		Q7I73622
USB Car Charger, 1000mA, 12-24V, USB 5V		Q7420302

Docking Chargers



Q7I00005



Q7I00022



Q7I00023

DESCRIPTION	AVAILABLE	ORDER NO.
USB Docking Charger and Stand for iPad®, iPhone®, iPod®		Q7I00005
USB Docking Charger and Stand for iPhone® and iPod®		Q7I00022
USB Charger Cable f. Q7I00005+Q7I00022, USB cable for iPhone®		Q7I00023

■ Accu Pack Solar



Q7424470

DESCRIPTION	AVAILABLE	ORDER NO.
Accu Pack, Solar, External 1900mAh,70g for iPhone® and iPod®		Q7424470



Memory-Sticks USB



Q7SI707215



Q7SI707226

SCHRACK-INFO

An USB-stick makes transferring files between PCs, notebooks and MACs quick and easy. The USB-stick is easy to use, portable for moving any files between school, office and home. The USB-stick appears as an extra removable disk. You can move, save, copy, delete and run files from the USB-stick in the same way you would from your computer's harddisk.

DESCRIPTION	AVAILABLE	ORDER NO.
Memory Stick USB, 4GB, USB 2.0, Slider, Blisterpack		Q7SI707212
Memory Stick USB, 4GB, USB 2.0, Mini, Blisterpack		Q7SI707164
Memory Stick USB, 8GB, USB 2.0, Slider, Blisterpack		Q7SI707213
Memory Stick USB, 8GB, USB 2.0, Mini, Blisterpack		Q7SI707165
Memory Stick USB, 16GB, USB 2.0, Slider, Blisterpack		Q7SI707214
Memory Stick USB, 16GB, USB 2.0, Mini, Blisterpack		Q7SI707210
Memory Stick USB, 32GB, USB 2.0, Slider, Blisterpack		Q7SI707215
Memory Stick USB, 64GB, USB 2.0, Swivel, Blisterpack		Q7SI707226

SD-Cards



Q7SI707190



Q7SI707167



Q7SI707104

SCHRACK-INFO

Save image-, sound- and data- files on compatible devices such as professional DSLRs, digital cameras, camcorders, and MP3 players. For older devices (cameras) that do not support High-Speed-SD-cards, a 2GB SD-card in Standard-Speed is also available.

DESCRIPTION	AVAILABLE	ORDER NO.
SD-Card, 2GB, Standard, Secure Digital, Blisterpack		Q7SI707104
SD-Card, 4GB, High Capacity, Class 4, Secure Digital, Blisterpack		Q7SI707123
SD-Card 4GB, HighCapacity, Class10, 20MB/s, Secure Digital Ultra, Blisterpack		Q7SI707187
SD-Card, 8GB, High Capacity, Class 4, Secure Digital, Blisterpack		Q7SI707136
SD-Card 8GB, HighCapacity, Class10, 20MB/s, Secure Digital Ultra, Blisterpack		Q7SI707188
SD-Card, 16GB, High Capacity, Class 4, Secure Digital, Blisterpack		Q7SI707156
SD-Card 16GB, HighCapacity, Class10, 20MB/s, Secure Digital Ultra, Blisterpack		Q7SI707189
SD-Card, 32GB, High Capacity, Class 4, Secure Digital, Blisterpack		Q7SI707167
SD-Card 32GB, HighCapacity, Class10, 20MB/s, Secure Digital Ultra, Blisterpack		Q7SI707190

KVM Switches



Q7172887



Q7172775



Q7172963

DESCRIPTION	AVAILABLE	ORDER NO.
KVM Switch, Dual-View, DVI+USB+AU, 1 User - 2 PC		Q7172887
KVM Switch, USB + AU, 1 User - 4 PC, incl. Cable		Q7172775
KVM Switch, USB + AU, 1 User - 2 PC, OSD, incl. Cable		Q7172963

KVM Cable Switches



Q7173576

DESCRIPTION	AVAILABLE	ORDER NO.
KVM Cable Switch, Audio, PS/2, USB, 1 User - 2 PC		Q7173576

KVM Cableset



Q7110156



Q7C707618

DESCRIPTION	AVAILABLE	ORDER NO.
KVM Cableset, PS2, DBHD15 / 2x mini-DIN-6 male, 1.5m		Q7110156
KVM Cableset, PS2, DBHD15 / 2x mini-DIN-6 male, 3m		Q7110157
KVM Cableset, PS2, DBHD15 / 2x mini-DIN-6 male, 5m		Q7130233
KVM Cableset, 2x2 6p. male/15p. male-female, 1.8m		Q7C707618



Order no. blue: on stock, usually ready for delivery on the day of order!

Ultra HDMI 1.4 Cables with Ethernet



Q7V707477

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI Ultra 1.4 Audio/Video Cable, A male-A male, cat 2, 1.8m		Q7V707477
HDMI Ultra 1.4 Audio/Video Cable, A male-A male, cat 2, 3m		Q7V707478

Ultra HDMI 1.4 Cables



Q7V707467

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI Ultra Audio/Video Cable, HDMI A male-HDMI A male, 1.8m		Q7V707467
HDMI Ultra Audio/Video Cable, HDMI A male-HDMI A male, 3m		Q7V707468

HDMI 1.4 Cables with Ethernet



Q7V707473

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI 1.4 Audio/Video Cable, A male-A male, cat 1, 1m		Q7V707491
HDMI 1.4 Audio/Video Cable, A male-A male, cat 1, 1.8m		Q7V707473
HDMI 1.4 Audio/Video Cable, A male-A male, cat 1, 3m		Q7V707474
HDMI 1.4 Audio/Video Cable, A male-A male, cat 1, 5m		Q7V707475
HDMI 1.4 Audio/Video Cable, A male-A male, cat 1, 7.5m		Q7V707476

HDMI 1.4 Cables Ferrit / Gold



Q7175024

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Ferrit/Gold,Black, 1m		Q7175024
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Ferrit/Gold,Black, 2m		Q7175025
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Ferrit/Gold,Black, 3m		Q7175026
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Ferrit/Gold,Black, 5m		Q7175027
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Ferrit/Gold,Black, 10m		Q7175029
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Ferrit/Gold,Black, 15m		Q7131912

HDMI 1.4 Cables



Q7151833

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Gold, White, 2m		Q7151833
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Gold, White, 3m		Q7151834
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Gold, White, 5m		Q7151835
HDMI 1.4 Cable, 2x HDMI19 Typ A male, Gold, White, 10m		Q7151837

HDMI Audio / Video Cables



Q7V707443

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI Audio/Video Cable, HDMI A male-HDMI A male, 1.8m		Q7V707443
HDMI Audio/Video Cable, HDMI A male-HDMI A male, 3m		Q7V707459
HDMI Audio/Video Cable, HDMI A male-HDMI A male, 5m		Q7V707457



Order no. blue: on stock, usually ready for delivery on the day of order!

HDMI cables, adaptors

HDMI Audio / Video Cables, Male - Micro Male



Q7V707497

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI Audio/Video Cable,HDMI male - HDMI Micro male, 2m		Q7V707497

Mini HDMI Cables



Q7V707460



Q7V707461

DESCRIPTION	AVAILABLE	ORDER NO.
Mini HDMI Cable, C male - C male, 1.8m		Q7V707460
Mini HDMI Cable, A male - C male, 1.8m		Q7V707461

HDMI Adaptors



Q7V707483



Q7V707482



Q7V707463



Q7V707462

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI Adapter Rotate 360°, HDMI A female - HDMI A male		Q7V707483
HDMI Adapter Swivel 180°, HDMI A female - HDMI A male		Q7V707482
HDMI Adapter 90°, HDMI A female - HDMI A male		Q7V707463
HDMI Adapter, HDMI A female - HDMI C male		Q7V707462

HDMI to DVI Cables



Q7V707444

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI to DVI Cable, HDMI A male - DVI male, 1.8m		Q7V707444
HDMI to DVI Cable, HDMI A male - DVI male, 5m		Q7V707455

HDMI to DVI Adapters



Q7V707451



Q7V707452



Q7I73846

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI-Adapter, HDMI female - DVI male		Q7V707451
HDMI-Adapter, HDMI male - DVI female		Q7V707452
HDMI/DVI Adapter, HDMI19 female - DVI-D(24+1) male		Q7I73846

USB to HDMI Display Adapters



Q7I75112

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 to VGA / DVI / HDMI Multi Display Adapter		Q7I75112



HDMI Splitters



Q7170182



Q7170183

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI-Splitter, HDMI 1.3b, 1 Signal to 2 Devices		Q7170182
HDMI-Splitter, HDMI 1.3b, 1 Signal to 4 Devices		Q7170183

HDMI Switches



Q7175031



Q7160818

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI Switch with amplifier, 3-Port, Remote Control		Q7175031
HDMI Switch Automatic, 2 in - 1 out		Q7160818

HDMI Repeaters/Extenders



Q7175052



Q7171199

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI Video Repeater up to 35m (4x cascadeable),without cable		Q7175052
HDMI Extender HDMI-A via Cat.5e/6 >30m (2xRJ45),HDMI 1.3b		Q7171199

USB 3.0 A - A Cables



Q7C707654

DESCRIPTION	AVAILABLE	ORDER NO.
USB 3.0 A-A Cable, A male - A male, 5Gbps, Black, 1.8m		Q7C707654

USB 3.0 A - B Cables



Q7C707651



Q7I93654

DESCRIPTION	AVAILABLE	ORDER NO.
USB 3.0 A-B Cable, A male - B male, 5Gbps, Black, 1.8m		Q7C707651
USB 3.0 A-B Cable, A male - B male, 5Gbps, Black, 3m		Q7I93654
USB 3.0 A-B Cable, A male - B male, 5Gbps, Black, 1.8m		Q7I93655

USB 3.0 A - B Micro Cables



Q7C707655



Q7I00032

DESCRIPTION	AVAILABLE	ORDER NO.
USB 3.0 A-B Micro Cable, A male - Micro B male, Black, 1m		Q7C707655
USB 3.0 A-B Micro Cable, A male - Micro B male, Black, 1m		Q7I00032
USB 3.0 A-B Micro Cable, A male - Micro B male, Black, 2m		Q7I00033



USB cables, adaptors

USB 2.0 A - A Cables



Q7C707652



Q7502300

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 A-A Cable, A male - A male, Black, 1.8m		Q7C707652
USB 2.0 A-A Cable, A male - A male, Grey, 1.8m		Q7502300

USB 2.0 A - B Cables



Q7C707619



Q7508310

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 A-B Cable, A male - B male, Black, 1.8m		Q7C707619
USB 2.0 A-B Cable, A male - B male, Black, 3m		Q7C707620
USB 2.0 A-B Cable, A male - B male, Black, 5m		Q7C707621
USB 2.0 A-B Cable, A male - B male, Grey, 2m		Q7508310
USB 2.0 A-B Cable, A male - B male, Grey, 3m		Q7508320
USB 2.0 A-B Cable, A male - B male, Grey, 5m		Q7508330

USB 2.0 A - B Micro Cables



Q7C707622

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 A-B Micro Cable, A male - Micro B 5pin male, Black, 1m		Q7C707648
USB 2.0 A-B Micro Cable, A male - Micro B 5pin male, Black, 1.8m		Q7C707642
USB 2.0 A-B Micro Cable, A male - Micro B 5pin male, Black, 2m		Q7C707649
USB 2.0 A-B Micro Cable, A male - Micro B 5pin male, Black, 3m		Q7C707622

■ USB 2.0 A - B Mini Cables



Q7172876

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 A-B Mini Cable, A male - Mini B male, black, 1.5m		Q7172876
USB 2.0 A-B Mini Cable, A male - Mini B male, black, 3.0m		Q7660222

■ USB 2.0 A - A Repeater Cables



Q7C707646



Q7173266

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 A-A Repeater Cable, Active, A male - A female, Black, 5m		Q7C707646
USB 2.0 A-A Repeater Cable, Active, A male - A female, Black, 5m		Q7173266

■ USB 2.0 A - A Extensioncables



Q7C707623



Q7177712

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 A-A Extensioncable, A male - A female, Black, 1.8m		Q7C707623
USB 2.0 A-A Extensioncable, A male - A female, Black, 5m		Q7C707641
USB 2.0 A-A Extensioncable, A male - A female, Grey, 1.8m		Q7177712
USB 2.0 A-A Extensioncable, A male - A female, Grey, 3m		Q7177713
USB 2.0 A-A Extensioncable, A male - A female, Grey, 5m		Q7177714



USB cables, adaptors

USB 2.0 iPod / iPhone / iPad Cables



Q7PI707754



Q7C707647

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 Charge & Sync Cable, USB A Male - Lightning Male, Mfi License, 2.1A, 1.0m		Q7PI707754
USB 2.0 iPod/iPhone/iPad Cable, A male-iPod 30 pin male, 1m		Q7C707647

USB Universal Adapters



Q7C707653

DESCRIPTION	AVAILABLE	ORDER NO.
USB Adapter, A to B, Mini4, Mini5 and Mini8 with cable 0.5m		Q7C707653

USB Couplers



Q7C707650

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 A-A Coupler, A female - A female		Q7C707650

USB to Serial Converters



Q7173952



Q7172431

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 to Serial Converter, USB A male to DB9 male (RS232)		Q7173952
USB 2.0 to Serial Converter, A male to DB9/DB25m.(RS232), 1.2m		Q7172431

USB to Parallel Converters



Q7170953



Q7177255

DESCRIPTION	AVAILABLE	ORDER NO.
USB Parallel Converter Kabel, USB A male - Centronics male, 1.8m		Q7170953
USB Parallel Converter Kabel, USB A male - DB25 female, 1.8m		Q7177255

USB Switches



Q7173304



Q7173305

DESCRIPTION	AVAILABLE	ORDER NO.
Desktop Switch, USB, 2x User -> 1x USB Device, USB2.0		Q7173304
USB 2.0 Desktop Switch, 4x User - 1x USB Device		Q7173305



USB to VGA / DVI / HDMI Display Adapters



Q7175112



Q7174094

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 to VGA / DVI / HDMI Multi Display Adapter		Q7175112
USB 2.0 to VGA DBHD15 female Display Adapter		Q7174094

USB Extenders over Twisted Pair RJ45



Q7171198

DESCRIPTION	AVAILABLE	ORDER NO.
USB 1.1 Extender Set via Twisted Pair, USB A - RJ45, max. 60m		Q7171198

■ PDU's with Surge Protector, without On/Off-Switch



Q7PI707718



Q7PI707719



Q7PI707720



Q7I10088



Q7I10090



Q7I51318

■ SCHRACK-INFO

Use this surge protector to protect your electrical equipment against overvoltage, lightning damage and voltage spikes. The surge protector suppresses any mains supply voltage peaks so that your equipment does not suffer any damage. Ideal for all your home and office electrical equipment.

DESCRIPTION	AVAILABLE	ORDER NO.
PDU with Surge Protector, 4 Outlets Schuko, 16A, 2m cable		Q7PI707718
PDU with Surge Protector, 6 Outlets Schuko, 16A, 2m cable		Q7PI707719
PDU with Surge Protector, 8 Outlets Schuko, 16A, 2m cable		Q7PI707720
PDU with Surge Protector, 6 Outlets Schuko, 16A, 1.4m cable		Q7I10088
PDU with Surge Protector, 6 Outlets Schuko, 10A, 1.4m cable		Q7I10090
PDU with Surge Protector, 10 Outlets Schuko, 16A, 1.4m cable		Q7I51318

■ Overvoltage Protection



Q7PI707734

■ SCHRACK-INFO

Plug this overvoltage protection Lightning Guard into any Schuko outlet and all your valuable electronic devices on the same group within 10 meters are protected against lightning, power surges and spikes.

DESCRIPTION	AVAILABLE	ORDER NO.
Overvoltage Protection, Lightning Guard, Distance 10m, white		Q7PI707734



Order no. blue: on stock, usually ready for delivery on the day of order!

Power Distribution Units - PDUs for UPS



Q7533060

DESCRIPTION	AVAILABLE	ORDER NO.
PDU for UPS, 3 Outlets Schuko, 10A, 1.5m cable		Q7533060

Power Switch ENERGY SAVER



Q7PI707742

SCHRACK-INFO

Energy Saver in Schuko-style to switch off appliances and chargers which are connected after 1, 4 or 8 hours. Saves up to 50% on connected devices by eliminating power-consumption in stand-by mode. The connected devices are easy to power up, with 1 push to the button on the Energy Saver. Connected devices do not use any standby current if they are switched off by the Energy Saver. It saves electricity and ensures that chargers do not damage your batteries by overcharging and prolongs the life expectancy of your devices.

DESCRIPTION	AVAILABLE	ORDER NO.
ENERGY SAVER Power Switch, Schuko, 250VAC/16A, 1/4/8h		Q7PI707742

Powercords Euro 8



Q7C707636



Q7I72506

DESCRIPTION	AVAILABLE	ORDER NO.
Powercord, Euro - Euro8, Black, 1.8m		Q7C707636
Powercord, Euro - Euro8, Black, 1.8m		Q7I72506

Powercords C5



Q7C707639



Q7172902

DESCRIPTION	AVAILABLE	ORDER NO.
Powercord, Schuko - C5 (Triangle) female, Black, 1.8m		Q7C707639
Powercord, Schuko - C5 (Triangle) female, Black, 1.8m		Q7172902

Powercords C13



Q7C707637



Q7130059



Q7170732

DESCRIPTION	AVAILABLE	ORDER NO.
Powercord Schuko - C13 female, Black, 1.8m		Q7C707637
Powercord Schuko - C13 female, Black, 1.8m		Q7130121
Powercord Schuko - C13 female, Black, 3m		Q7130059
Powercord Schuko - C13 female 90°, Black, 5m		Q7170732

Powercords Extension Cables C13



Q7C707638



Q7130256

DESCRIPTION	AVAILABLE	ORDER NO.
Powercord Extension Cable, C13, Black, 1.8m		Q7C707638
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266



Order no. blue: on stock, usually ready for delivery on the day of order!

DVI-D Dual Link Monitor Cables



Q7V707435

DESCRIPTION	AVAILABLE	ORDER NO.
DVI-D Dual Link Monitor Cable, 2xDVI-D male, 2m		Q7V707435
DVI-D Dual Link Monitor Cable, 2xDVI-D male, 5m		Q7V707436
DVI-D Dual Link Monitor Cable, 2xDVI-D male, 10m		Q7V707453

DVI-D Single Link Monitor Cables



Q7V707433

DESCRIPTION	AVAILABLE	ORDER NO.
DVI-D Single Link Monitor Cable, 2xDVI-D male, 2m		Q7V707433
DVI-D Single Link Monitor Cable, 2xDVI-D male, 5m		Q7V707434

DVI-D Cables



Q7172440

DESCRIPTION	AVAILABLE	ORDER NO.
DVI-D Cable,DVI-D (24+1) male - male, 2m		Q7172440
DVI-D Cable,DVI-D (24+1) male - male, 3m		Q7174044
DVI-D Cable,DVI-D (24+1) male - male, 5m		Q7172751
DVI-D Cable,DVI-D (24+1) male - male, 10m		Q7173014

■ DVI Adaptercables Male - Male



Q7509850

DESCRIPTION	AVAILABLE	ORDER NO.
DVI-I Cable, DVI-I (24+5) male - male, 5m		Q7509850

■ DVI - HDMI Adapters



Q7V707451



Q7V707452



Q7173846

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI-Adapter, HDMI female - DVI male		Q7V707451
HDMI-Adapter, HDMI male - DVI female		Q7V707452
HDMI/DVI Adapter, HDMI19 female - DVI-D(24+1) male		Q7173846

■ DVI - HDMI Adaptercables



Q7V707455

DESCRIPTION	AVAILABLE	ORDER NO.
HDMI to DVI Cable, HDMI A male - DVI male, 5m		Q7V707455

DVI - VGA Adapters



Q7V707438



Q7I72443

DESCRIPTION	AVAILABLE	ORDER NO.
VGA to DVI-A Adapter, DVI-A male -VGA 15pin female		Q7V707438
DVI/SVGA Adapter, DVI-I (24+5) male - DBHD 15 female		Q7I72443

DVI - VGA Adaptercables



Q7V707437

DESCRIPTION	AVAILABLE	ORDER NO.
DVI to VGA Cable, DVI-A male-VGA 15pin male, 2m		Q7V707437

VGA Monitorcables



Q7V707429

DESCRIPTION	AVAILABLE	ORDER NO.
VGA Monitorcable, 15pin male-15pin male, 2m		Q7V707429
VGA Monitorcable, 15pin male-15pin male, 5m		Q7V707458

VGA Monitorcables Ferrit/Gold



Q7174059

DESCRIPTION	AVAILABLE	ORDER NO.
VGA Monitorcable, Ferrit/Gold, 15pin male - 15pin male, 1.8m		Q7174059
VGA Monitorcable, Ferrit/Gold, 15pin male - 15pin male, 3m		Q7174060
VGA Monitorcable, Ferrit/Gold, 15pin male - 15pin male, 5m		Q7174061
VGA Monitorcable, Ferrit/Gold, 15pin male - 15pin male, 7m		Q7174062
VGA Monitorcable, Ferrit/Gold, 15pin male - 15pin male, 10m		Q7174063
VGA Monitorcable, Ferrit/Gold, 15pin male - 15pin male, 15m		Q7174064
VGA Monitorcable, Ferrit/Gold, 15pin male - 15pin male, 20m		Q7174065
VGA Monitorcable, Ferrit/Gold, 15pin male - 15pin male, 30m		Q7174067

VGA Extensioncables



Q7V707430

DESCRIPTION	AVAILABLE	ORDER NO.
VGA Monitor Extensioncable, 15pin male - 15pin female, 2m		Q7V707430
VGA Monitor Extensioncable, 15pin male - 15pin female, 5m		Q7V707431
VGA Monitor Extensioncable, 15pin male - 15pin female, 10m		Q7V707456

VGA Extensioncables Ferrit / Gold



Q7174050

DESCRIPTION	AVAILABLE	ORDER NO.
VGA Extensioncable, Ferrit/Gold, 15pin male - 15pin female, 1.8m		Q7174050
VGA Extensioncable, Ferrit/Gold, 15pin male - 15pin female, 3m		Q7174051
VGA Extensioncable, Ferrit/Gold, 15pin male - 15pin female, 5m		Q7174052
VGA Extensioncable, Ferrit/Gold, 15pin male - 15pin female, 10m		Q7174054
VGA Extensioncable, Ferrit/Gold, 15pin male - 15pin female, 15m		Q7174055
VGA Extensioncable, Ferrit/Gold, 15pin male - 15pin female, 20m		Q7174056
VGA Extensioncable, Ferrit/Gold, 15pin male - 15pin female, 30m		Q7174058



Order no. blue: on stock, usually ready for delivery on the day of order!

Scart Ultra Cables



Q7V707469

DESCRIPTION	AVAILABLE	ORDER NO.
Scart Ultra Cable, Scart male - Scart male, 1.8m		Q7V707469
Scart Ultra Cable, Scart male - Scart male, 3m		Q7V707470

Scart HQ Cables



Q7110068

DESCRIPTION	AVAILABLE	ORDER NO.
Scart HQ Cable, Scart male - Scart male, 3m		Q7110068
Scart HQ Cable, Scart male - Scart male, 5m		Q7110069

Scart Cables



Q7V707419

DESCRIPTION	AVAILABLE	ORDER NO.
Scartcable standard, Scart male - Scart male, 2m		Q7V707419

Scart - RCA Cables



Q7V707415

DESCRIPTION	AVAILABLE	ORDER NO.
Scartcable, S-Video+2xRCA - Scart, 2m		Q7V707415
Scartcable, S-Video+2xRCA - Scart, 5m		Q7V707416

Scart to 3,5 mm Connector Cables



Q7V707412

DESCRIPTION	AVAILABLE	ORDER NO.
Scartcable, S-Video+3.5mm - Scart, 5m		Q7V707412

Scart to RCA + 3,5 mm Connector Cables



Q7V707405

DESCRIPTION	AVAILABLE	ORDER NO.
AV Composite Cable,RCA male+3.5mm male - Scart male, 5m		Q7V707405

Scart Audio / Video Adapters



Q7V707418

DESCRIPTION	AVAILABLE	ORDER NO.
Scart Adapter video/audio, S-Video+3xRCA female, In-Out		Q7V707418

Coax Patchcords with F-Quick Connectors



HS4HC01K0



HS4HC01K0

DESCRIPTION	AVAILABLE	ORDER NO.
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 0.5m		HS4HC00K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 1.0m		HS4HC01K0
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 1.5m		HS4HC01K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 2.5m		HS4HC02K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 3.5m		HS4HC03K5
S4H Coax Patchcord, 2xF-Quick straight, >90dB, white, 5.0m		HS4HC05K0

Coax Ultra Video Cable with IEC Connectors



Q7V707486

DESCRIPTION	AVAILABLE	ORDER NO.
Coax Ultra Video Cable 2m, IEC male - IEC female, 75Ohm, 2m		Q7V707486
Coax Ultra Video Cable 2m, IEC male - IEC female, 75Ohm, 3m		Q7V707487
Coax Ultra Video Cable 2m, IEC male - IEC female, 75Ohm, 5m		Q7V707488

Coax Connectors for Selfcrimping



HS4HFSQ



Q7V707489

DESCRIPTION	AVAILABLE	ORDER NO.
Coax F-Connector male Quick, screwable for cable 7mm, 10 pcs.		HS4HFSQ
Coax IEC Connectors, 2x IEC male, 2x IEC female		Q7V707489

Coax Adapters



HS4HFBFSQ



HS4HFBIB



HS4HFBIS

DESCRIPTION	AVAILABLE	ORDER NO.
Coax Adapter F-female to F-male Quick, 10 pieces		HS4HFBFSQ
Coax Adapter F-female to IEC-female, 10 pieces		HS4HFBIB
Coax Adapter F-female to IEC-male, 10 pcs.		HS4HFBIS

Audio Koax Cables



Q7A707315

DESCRIPTION	AVAILABLE	ORDER NO.
Audio Coax Cable, Digital Audio, male-male, 1m		Q7A707315
Audio Coax Cable, Digital Audio, male-male, 3m		Q7A707316

Audio Coax Converters



Q7A707319

DESCRIPTION	AVAILABLE	ORDER NO.
Audio Coax converter, Mini Coax male - Coax female		Q7A707319

Audio Cables RCA



Q7A707324

DESCRIPTION	AVAILABLE	ORDER NO.
Audio Cable, 2xRCA male - 2xRCA male, 2m		Q7A707324
Audio Cable, 2xRCA male - 2xRCA male, 5m		Q7A707307

Audio Extension Cables RCA



Q7A707311

DESCRIPTION	AVAILABLE	ORDER NO.
Audio Extension Cable, 2xRCA male - 2xRCA female, 10m		Q7A707311

Composite Audio / Video Cables RCA



Q7V707490

DESCRIPTION	AVAILABLE	ORDER NO.
Composite Audio/Video Cable, 3xRCA male - 3xRCA male, 1.8m		Q7V707490

Composite Videocables RCA



Q7V707402

DESCRIPTION	AVAILABLE	ORDER NO.
Composite Videocable, RCA/tulp male - RCA/tulp male, 5m		Q7V707402

Audio Cables, 3.5mm MiniJack Stereo



Q7A707323

DESCRIPTION	AVAILABLE	ORDER NO.
Audio Cable, 3.5mm MiniJack male - 3.5mm MiniJack male, 1m		Q7A707323
Audio Cable, 3.5mm MiniJack male - 3.5mm MiniJack male, 3m		Q7A707301
Audio Cable, 3.5mm MiniJack male - 3.5mm MiniJack male, 10m		Q7A707314



Audio Extension Cables 3.5mm MiniJack



Q7A707322

DESCRIPTION	AVAILABLE	ORDER NO.
Audio Extension Cable, 1x 3.5mm MiniJack male - female, 5m		Q7A707322
Audio Extension Cable, 1x 3.5mm MiniJack male - female, 10m		Q7A707303

Audio Cables 3.5mm MiniJack / RCA



Q7A707304

DESCRIPTION	AVAILABLE	ORDER NO.
Audio Cable, 1x 3.5mm MiniJack male - 2xRCA male, 2m		Q7A707304
Audio Cable, 1x 3.5mm MiniJack male - 2xRCA male, 5m		Q7A707305
Audio Cable, 1x 3.5mm MiniJack male - 2xRCA male, 10m		Q7A707306

Audio Splitters 3.5mm MiniJack



Q7A707302

DESCRIPTION	AVAILABLE	ORDER NO.
Audio Split Cable, 1xMiniJack male-2xMiniJack female, 0.25m		Q7A707302

■ Toslink Optical Audio Cables



Q7A707325

DESCRIPTION	AVAILABLE	ORDER NO.
Toslink Optical Audio Cable, 1m		Q7A707312
Toslink Optical Audio Cable, 2m		Q7A707325
Toslink Optical Audio Cable, 3m		Q7A707313
Toslink Optical Audio Cable, 5m		Q7A707317
Toslink Optical Audio Cable, 10m		Q7A707318

■ Toslink Optical Coupler



Q7A707321

DESCRIPTION	AVAILABLE	ORDER NO.
Toslink Optical Coupler, Toslink female - Toslink female		Q7A707321

■ Audio / Video - Cables, Adapters



Q7A707320

DESCRIPTION	AVAILABLE	ORDER NO.
Audio Converter, Mini Optical male - Toslink female		Q7A707320

S - Video Cables



Q7V707407

DESCRIPTION	AVAILABLE	ORDER NO.
Videocable S-Video, S-Video male - S-Video male, 2m		Q7V707407
Videocable S-Video, S-Video male - S-Video male, 5m		Q7V707408

Videocables Ultra Component



Q7V707471

DESCRIPTION	AVAILABLE	ORDER NO.
Videocable Ultra Component, male - male, 1.8m		Q7V707471
Videocable Ultra Component, male - male, 3m		Q7V707472

Videocables Component



Q7V707448

DESCRIPTION	AVAILABLE	ORDER NO.
VideoCable Component , male - male, 2m		Q7V707448
VideoCable Component , male - male, 5m		Q7V707449
VideoCable Component , male - male, 10m		Q7V707450

VGA Splitters



Q7174074



Q7174074

DESCRIPTION	AVAILABLE	ORDER NO.
SVGA Splitter 1 PC->8 Monitors, 8xDB 15 fem., 1xDB 15m. 1920x1440		Q7174074

VGA Extenders over Twisted Pair RJ45



Q7173303

DESCRIPTION	AVAILABLE	ORDER NO.
Video+Extender Set, Cat.5 up to 150m, SVGA / AU - RJ45		Q7173303

Displayport Cables



Q7151873

DESCRIPTION	AVAILABLE	ORDER NO.
DisplayPort Cable, DP20 male - male, 2m		Q7151873
DisplayPort Cable, DP20 male - male, 3m		Q7151874
DisplayPort Cable, DP20 male - male, 5m		Q7151875

Displayport HDMI-Cables



Q7151736

DESCRIPTION	AVAILABLE	ORDER NO.
DisplayPort Cable, DP20 male - HDMI19, 2m		Q7151736
DisplayPort Cable, DP20 male - HDMI19, 3m		Q7151737
DisplayPort Cable, DP20 male - HDMI19, 5m		Q7151741

Displayport DVI-Cables



Q7151739

DESCRIPTION	AVAILABLE	ORDER NO.
DisplayPort Cable, DP20 male - DVI-D (24+1), 2m		Q7151739
DisplayPort Cable, DP20 male - DVI-D (24+1), 3m		Q7151740
DisplayPort Cable, DP20 male - DVI-D (24+1), 5m		Q7151742

USB to VGA Converters



Q7174094

DESCRIPTION	AVAILABLE	ORDER NO.
USB 2.0 to VGA DBHD15 female Display Adapter		Q7174094

Accu Charger



Q7PI707709



Q7PI707727

DESCRIPTION	AVAILABLE	ORDER NO.
Accu Charger for AA/AAA with 4 pcs. AA accus included		Q7PI707709
Accu Charger for AA/AAA with 4 pcs. AA Long Life included		Q7PI707727

Accu - Sets



Q7PI707711



Q7PI707728



Q7PI707729

DESCRIPTION	AVAILABLE	ORDER NO.
Accuset NiMH AAA 1000mAh, 4x AAA, Rechargeable		Q7PI707711
Accuset NiMH AA 2000mAh, 4x AA LongLife, Rechargeable		Q7PI707728
Accuset NiMH AAA 800mAh, 4x AAA LongLife, Rechargeable		Q7PI707729

Charger Sets



Q7PI707706



Q7PI707712



Q7PI707713

DESCRIPTION	AVAILABLE	ORDER NO.
Charger Car Adapter 12/24V, 1xUSB female 5VDC- 0.5A-1A, black		Q7PI707706
Charger USB, 110-240VAC -> 5VDC - 1A, 2xUSB female, Black		Q7PI707712
Charger Set USB, Car adapter and AC adapter, 5VDC, Black		Q7PI707713

Batteries, Button Cells



Q7PI707725



Q7PI707726

SCHRACK-INFO

This 3V CR2025 lithium battery is suitable for scales or watches or other devices. With its 2.5mm thickness, it's just perfect for flat devices. This 3V CR2032 lithium battery will give your watch, calculator or other devices new power. With a 20mm diameter and a thickness of 3.2mm it will fit in several devices.

DESCRIPTION	AVAILABLE	ORDER NO.
Battery, Button Cell, Lithium, CR2025, 3V, 160mAh, 20 x 2,5mm		Q7PI707725
Battery, Button Cell, Lithium, CR2032, 3V, 225mAh, 20 x 3,2mm		Q7PI707726



Order no. blue: on stock, usually ready for delivery on the day of order!

Network Testers



HSETEST01S



Q7151300

SCHRACK-INFO

This cable testers are easy to use and can be used for testing the cabling for open pairs and shorted pairs. Structured cabling systems with RJ45 , telephony cabling with RJ11 and coax-cabling with BNC can be tested.

DESCRIPTION	AVAILABLE	ORDER NO.
Cable tester RJ45 (UTP+STP) / RJ11 / Coax with bag		HSETEST01S
Network Tester, BNC / RJ45, with Remote and bag		Q7151300

Cabling Tools



Q7140015

DESCRIPTION	AVAILABLE	ORDER NO.
Network Installation-Set (4 pieces), with bag		Q7140015

LSA Crimping Tools



HKRONELSA



HSETOOL01F



HSETOOL02F



HSETOOL03F

DESCRIPTION	AVAILABLE	ORDER NO.
LSA Crimping tool with sensor, grey		HKRONELSA
Crimping tool without sensor, LSA		HSETOOL01F
Spare Blade for HSETOOL01F, System 110		HSETOOL02F
Spare Blade for HSETOOL01F, System LSA		HSETOOL03F

Sidecutters



HTOOL00002



HTOOL00003

SCHRACK-INFO

Flat sidecutters for cutting electronic wires. Especially designed for cutting wires of network installation cables Cat.5e/6/7.

DESCRIPTION	AVAILABLE	ORDER NO.
Side cutter flat for wire up to 1.3mm diameter		HTOOL00002
Side cutter flat for wire up to 1.0mm diameter		HTOOL00003

Cable Strippers



HTOOL00005



HTOOL00005



HTOOL00004



Q7172344

SCHRACK-INFO

For stripping of installationcables.

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Stripper for Jacket and Foil of Installationcables		HTOOL00005
Cable Stripper for Jacket of Installationcables		HTOOL00004
Cablestripper for Twisted-Pair cables		Q7172344
Cable Stripper for coax cable 7/11 mm, changeable knife		XC1600710

Repairkit for Installationcables



HCAT6REPKI

SCHRACK-INFO

- For joining or extending of Twisted-Pair installationcables.
- Performance up to Cat.6 (depends on cable).

DESCRIPTION	AVAILABLE	ORDER NO.
Repair-Kit for connecting of installation cables, Cat.6		HCAT6REPKI



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Crimping Pliers



Q7151652



HMOCRZKOR8

■ SCHRACK-INFO

Plier for crimping of RJ45, RJ12 and RJ11 connectors.

DESCRIPTION	AVAILABLE	ORDER NO.
Modular Crimping Plier for RJ11/RJ12/RJ45-plugs, Plastic		Q7151652
Crimping plier universal for RJ45/12/11 jacks		HMOCRZKOR8

■ Cable pullers



Q7520843

DESCRIPTION	AVAILABLE	ORDER NO.
Cable puller, useable length = 15m		Q7520843
Cable puller, useable length = 30m		Q7174071
Cable puller, useable length = 60m		Q7174072

■ Back to Back Cableties



HSEKBK25HR



HSEKBK25HS



Q7177133

■ SCHRACK-INFO

Back-to-back cable-ties for gentle fixing of cable-bundles. Reusable and flexible. Fixing occurs using a „back-to-back“ system. The cable ties are wound around the cables to be bundled and the rest of the cable tie is then closed on itself. Fixing is provided without additional clips or clamps. This ensures that no damage occurs to the cables.

DESCRIPTION	AVAILABLE	ORDER NO.
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, red		HSEKBK25HR
Back-to-back cable ties, 7.5m, W=16mm, Perforation every 25cm, black		HSEKBK25HS
Back-to-back Cable Ties 125x12mm, Black, PU=20 pcs.		Q7177133
Back-to-back Cable Ties 310x16mm, Black, PU=20 pcs.		Q7177135

■ Cable Ties



HSERZKB025

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025

■ Twisted Pair Flexcables for selfcrimping of RJ45 Patchcords



Q7199701



Q7172833



Q7172900

DESCRIPTION	AVAILABLE	ORDER NO.
CAT.7 Patchcable (Flex) 1000MHz, S/FTP, PIMF, LS0H, Grey, 100m		Q7199701
CAT.5e Patchcable (Flex) 200MHz, SF/UTP, PVC, Grey, 100m		Q7172833
CAT.5e Patchcable (Flex) 200MHz, U/UTP, PVC, Grey, 305m		Q7172900

■ Flatcables for selfcrimping of RJ11 / 12 / 45 Patchcords



Q7150671



Q7150663



Q7150672

DESCRIPTION	AVAILABLE	ORDER NO.
Flat cable, 8 wires, black for Telephony patchcords 100m		Q7150671
Flat cable, 8 wires, white for Telephony patchcords 100m		Q7150672
Flat cable, 6 wires, black for Telephony patchcords 100m		Q7150270
Flat cable, 6 wires, white for Telephony patchcords 100m		Q7150669
Flat cable, 4 wires, black for Telephony patchcords 100m		Q7150663
Flat cable, 4 wires, white for Telephony patchcords 100m		Q7150293



Order no. blue: on stock, usually ready for delivery on the day of order!

RJ45 Plugs for Twisted Pair-Flexcable



Q7151792



Q7151615



HJ45LCU800

DESCRIPTION	AVAILABLE	ORDER NO.
RJ45 plug Cat5e shielded with grey boot, for flexible cable, 100 pcs.		Q7151792
Modular Plug, RJ45 UTP 8P8C for round (Flex) Patchcable for self-crimping		Q7151615
RJ45 unshielded plug for crimping to flex (stranded) cable, Cat.5e		HJ45LCU800

RJ Plugs for Flatcable



Q7151610



Q7150275



Q7150276

DESCRIPTION	AVAILABLE	ORDER NO.
Modular Plug, RJ45 UTP 8P8C for Flat Cable for self-crimping		Q7151610
Modular Plug, RJ12 6P6C for Flat Cable		Q7150275
Modular Plug, RJ11 6P4C for Flat Cable		Q7150276

RJ12/RJ11 Plugs for Flexcables



HJ11L6P4LC



HJ1266LC

DESCRIPTION	AVAILABLE	ORDER NO.
RJ11 Plug for crimping, unshielded 6/4, Telephony		HJ11L6P4LC
RJ11 Plug for crimping, unshielded 6/6, Telephony		HJ1266LC

RJ45 Boots



Q7158005



HJ45TULLGR

DESCRIPTION	AVAILABLE	ORDER NO.
Modular Boot for RJ45, Grey		Q7158005
Modular Boot for RJ45, Blue		Q7158007
Modular Boot for RJ45, Red		Q7158004
Modular Boot for RJ45, Yellow		Q7158003
Modular Boot for RJ45, Green		Q7158002
Modular Boot for RJ45, Black		Q7158001
Boot for shielded and unshielded RJ45 plugs, blue		HJ45TULLBL
Boot for shielded and unshielded RJ45 plugs, yellow		HJ45TULLGE
Boot for shielded and unshielded RJ45 plugs, green		HJ45TULLGN
Boot for shielded and unshielded RJ45 plugs, grey		HJ45TULLGR
Boot for shielded and unshielded RJ45 plugs, red		HJ45TULLRT
Boot for shielded and unshielded RJ45 plugs, blue		HJ45TULLSW

RJ45 Couplers



HSEMRKRGWS



Q7N707537

DESCRIPTION	AVAILABLE	ORDER NO.
Coupler RJ45-RJ45 shielded, Cat.6 (SFA)		HSEMRKRGWS
Coupler Cat.5e UTP, RJ45 female - RJ45 female		Q7N707537

RJ45 Plug shielded Cat.6 for crimping to solid wire Installationscable



HSISR6SI2

SCHRACK-INFO

- RJ45 Cat.6 connector to be installed on site. Connector for crimping to installationcable (solid wire)
- Two parts only. Easy crimping without need of a special tool.
- Tio be used with cables AWG 24/1 - 22/1.
- Outer cable-sheet from 5,5 bis 8,5 mm
- Color-code: TIA/EIA 568 A and B
- Die-cast zinc housing for industrial use.

DESCRIPTION	AVAILABLE	ORDER NO.
RJ45 plug Cat.6 shielded, IP20, on-site installable, for solid wire		HSISR6SI2

Gender Changers



Q7120008



Q7120401

DESCRIPTION	AVAILABLE	ORDER NO.
Gender Changer, Metal, 2x DB9 female		Q7120008
Gender Changer, Metal, 2x DBHD15 female		Q7120401

Patchcords Blisterpack



Q7N707546



Q7N707554

DESCRIPTION	AVAILABLE	ORDER NO.
Patchcord 2xRJ45 shielded, Cat.5e, Grey, 1.0m		Q7N707546
Patchcord 2xRJ45 shielded, Cat.5e, Grey, 2.0m		Q7N707547
Patchcord 2xRJ45 shielded, Cat.5e, Grey, 3.0m		Q7N707548
Patchcord 2xRJ45 shielded, Cat.5e, Grey, 5.0m		Q7N707549
Patchcord 2xRJ45 shielded, Cat.5e, Grey, 10.0m		Q7N707551
Patchcord 2xRJ45 shielded, Cat.5e, Grey, 20.0m		Q7N707553
Patchcord 2xRJ45 shielded, Cat.6, Black, 2.0m		Q7N707554
Patchcord 2xRJ45 shielded, Cat.6, Black, 3.0m		Q7N707555
Patchcord 2xRJ45 shielded, Cat.6, Black, 5.0m		Q7N707556
Patchcord 2xRJ45 shielded, Cat.6, Black, 10.0m		Q7N707557
Patchcord 2xRJ45 shielded, Cat.6, Black, 20.0m		Q7N707558

Telephone Swivel Adapters



Q7120002

DESCRIPTION	AVAILABLE	ORDER NO.
Telephone Swivel Adapter, female for Telephone-Handset		Q7120002

Bluetooth Handsfree Car Kits



Q7148973

DESCRIPTION	AVAILABLE	ORDER NO.
Handsfree Kit for car, Bluetooth 2.1, Multiconnect, black		Q7148973

USB Bluetooth Adapters



Q7170043

DESCRIPTION	AVAILABLE	ORDER NO.
BLUETOOTH Adaptor, EDR, 100m, Micro, Class1, V2.1		Q7170043

TSS Telefon Cables

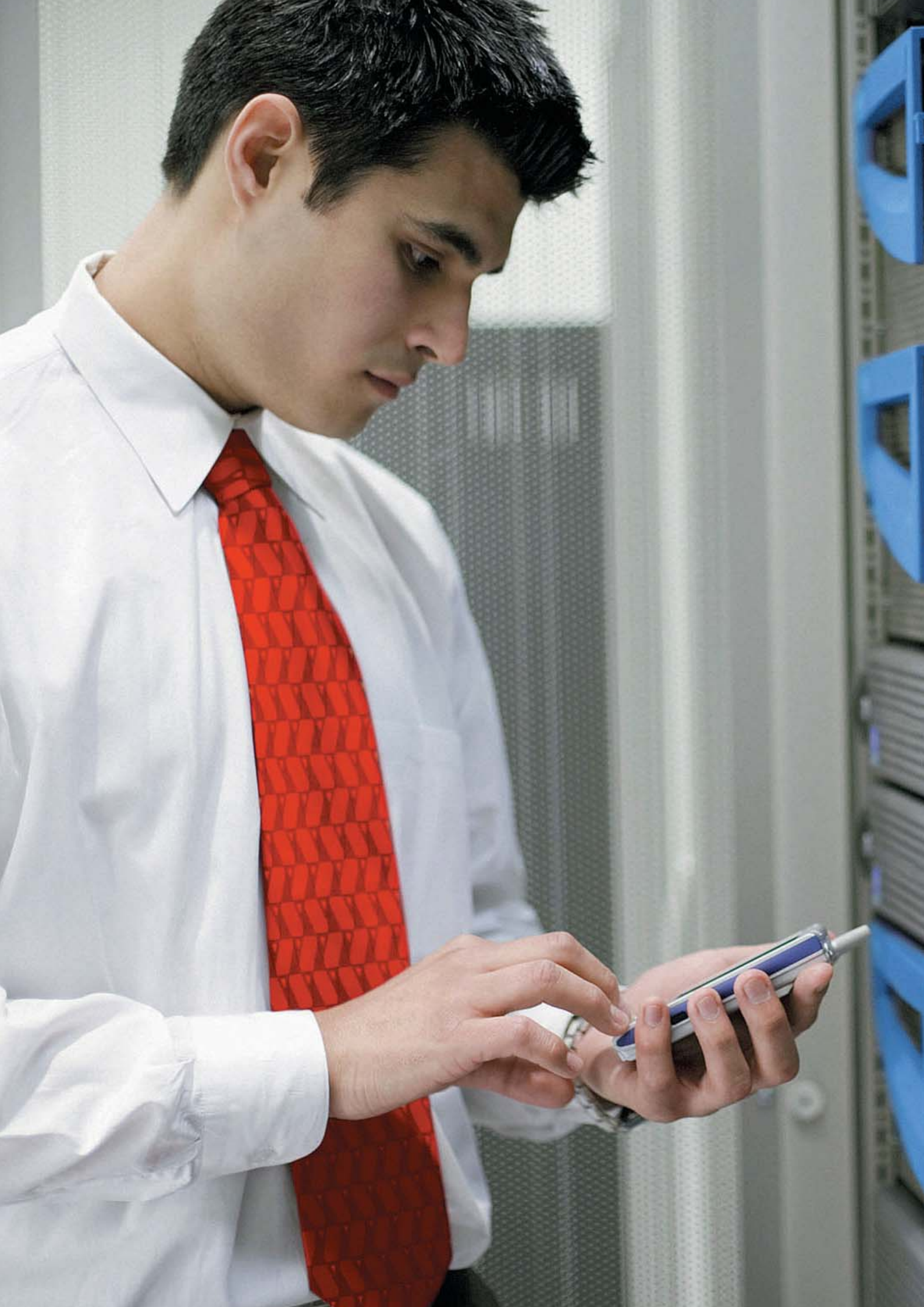


Q7159004

DESCRIPTION	AVAILABLE	ORDER NO.
TSS Telefon Cable, TSS male - RJ11 6P4C, 3m		Q7159004
TSS Telefon Cable, TSS male - RJ11 6P4C, 6m		Q7159007
TSS Telefon Cable, TSS male - RJ11 6P4C, 10m		Q7159011
TSS Telefon Cable, TSS male - RJ11 6P4C, 15m		Q7159013
TSS Telefon Cable, TSS male - RJ11 6P4C, 20m		Q7159014



Order no. blue: on stock, usually ready for delivery on the day of order!





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ASDRA400	316	DFSZDS01	312	DSKV2280	304	DSZ428020	229	DWRT2166	279	H5GLU00K5U	43
ASDSW010	315	DFSZDS02	312	DSKV2780	304	DSZ428080	229	DWRT2167	279	H5GLU01K0U	43
B		DFSZDW01	312	DSKV3280	304	DSZ458010	229	G		H5GLU02K0U	43
BK003001	124	DLT12121	269	DSKV3780	304	DSZ458080	229	GI89035007	138	H5GLU03K0U	43
BK003002	124	DLT24802	314	DSKV4280	304	DV610004-A	292	GI89035107	138	H5GLU05K0U	43
BK003003	124	DLT24804	314	DSKV4580	304	DV610006-A	292	GI89215261	138	H5GLU07K0U	43
BK003004	124	DLT44801-A	247	DSOF1260	245	DV610009-A	292	GI89375030	138	H5GLU10K0U	43
BK003005	124	DLT44802-A	247	DSOF1261	245	DV900300	315	GTPPXM20	139	H5GLY00K5Y	43
BK003021	124	DLT44803-A	247	DSOF1262	245	DV900330-A	315	GTPPXM25	139	H5GLY01K0Y	43
BK003022	124	DLT44806-A	247	DSOF1263	245	DV900332	315	GTPPXM32	139	H5GLY02K0Y	43
BK003023	124	DLTI1400	256	DSOF1280	245	DV900333	317	GTPPXM40	139	H5GLY03K0Y	43
BK003024	124	DLTI2000	256	DSOF1281	245	DV900334	317	GTPPXM50	139	H5GLY05K0Y	43
BK070001	124	DLTI2800	256	DSOF1282	245	DV900335	317	GTPTXL16	139	H5GLY07K0Y	43
BK070001-F	124	DLTI4100	256	DSOF1283	245	DV900336-A	315	GTPTXL20	139	H5GLY10K0Y	43
BK070002	124	DLTIZ61B1	256	DSOS1200	245	DW045540	284	GTPTXL25	139	H5R1M403K0	157
BK070002-F	124	DLTIZ61T1	256	DSOT1210	245	DW046040	274	GTPTXL32	139	H5R1M406K0	157
BK070003	124	DLTIZ61T2	256	DSOT1220	245	DW065540	284	GTPTXL40	139	H5R1M410K0	157
BK070003-F	124	DLTIZ66B1	256	DSOT1240	245	DW066040	274	GTPTXL50	139	H5R5M401K0	157
BK070004	124	DLTIZ81B1	256	DSOT1260	245	DW066050	269	GTPTXL63	139	H5R5M402K0	157
BK070004-F	124	DLTIZ81B2	256	DSOT1280	245	DW06605D	279	GTPTXM16	140	H5R5M403K0	157
BK077004	124	DLTIZ81T1	256	DSOT1290	245	DW095540	284	GTPTXM63	140	H5ULB00K5B	47
BS990176	127	DLTIZ81T2	256	DSP376063	259	DW096040	274	GTPTXMM16	140	H5ULB01K0B	47
D		DLTIZ88B1	256	DSP376065	264	DW096050	269	GTPTXMM20	140	H5ULB02K0B	47
DAB34810	316	DLTIZ88B2	256	DSPROF15	313	DW09605D	279	GTPTXMM25	140	H5ULB03K0B	47
DAB34811	316	DLTIZ88T1	256	DSPROF18	313	DW096060	269	GTPTXMM32	140	H5ULB05K0B	47
DAB34812	294	DS156060-A	220	DSPROF22	313	DW125540	284	GTPTXMM40	140	H5ULB10K0B	47
DBB14802	303	DS156080-A	220	DSPROF27	313	DW126040	274	GTPTXMM50	140	H5ULG00K5G	46
DBB14820-A	303	DS186060-A	220	DSPROF32	313	DW126050	269	GTPTXMM63	140	H5ULG01K0G	46
DBC14805	302	DS186080-A	220	DSPROF37	313	DW12605D	279	GTRL16M3	140	H5ULG02K0G	46
DBK14805	302	DS188060-A	220	DSPROF42	313	DW126060	269	GTRL20M3	140	H5ULG03K0G	46
DBK14806	302	DS188080-A	220	DSPROF45	313	DW156040	274	GTRL25M3	140	H5ULG05K0G	46
DBK24800	225	DS226060-A	220	DSPROFNU	313	DW156050	269	GTRL32M3	140	H5ULG07K0G	46
DBKO4040	303	DS226080-A	220	DSR00005-A	317	DW15605D	279	GTRL40M3	140	H5ULG10K0G	46
DBKO4080	303	DS228060-A	220	DSRA0002	317	DW156060	269	GTRL50M3	140	H5ULG15K0G	46
DBKO8080	303	DS228080-A	220	DSRR4261	244	DW186040	274	GTZKSL16	141	H5ULG20K0G	46
DBO14200	302	DS276010-A	220	DSRR4281	244	DW186050	269	GTZKSL20	141	H5ULR00K5R	47
DBO14201	302	DS276060-A	220	DSRR4561	244	DW18605D	279	GTZKSL25	141	H5ULR01K0R	47
DBO14801	305	DS276080-A	220	DSRR4581	244	DW18606D	279	GTZKSL32	141	H5ULR02K0R	47
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DBO14803	305	DS278080-A	220	DSRS4261	244	DW21606D	279	GTZKSL50	141	H5ULR05K0R	47
DBO14804	305	DS326060-A	220	DSRS4281	244	DWPROF06	313	GTZML20	141	H5ULR10K0R	47
DBO14805	305	DS326080-A	220	DSRS4511	244	DWPROF09	313	GTZML25	141	H5ULU00K5U	47
DBO14806	305	DS328060-A	220	DSRS4561	244	DWPROF12	313	GTZML32	141	H5ULU01K0U	47
DBP10060	313	DS328080-A	220	DSRS4581	244	DWPROF21	313	GTZML40	141	H5ULU02K0U	47
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DBP10090	313	DS376080-A	220	DSRT4262	242	DWRT0661	269	GTZML63	141	H5ULU05K0U	47
DBP10100	313	DS378060-A	220	DSRT4263	242	DWRT0463	269	GTZTML16	141	H5ULU10K0U	47
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DFA14845	310	DS426040-A	220	DSRT4281	242	DWRT0661	269	GTZTML40	141	H5ULY03K0Y	47
DFA14855	310	DS426060-A	220	DSRT4282	242	DWRT0663	269	GTZTML50	141	H5ULY05K0Y	47
DFA14865	310	DS426080-A	220	DSRT4283	242	DWRT0666	269	GTZTML63	141	H5ULY10K0Y	47
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DFS14845-A	308	DS456010-A	220	DSRT4567	242	DWRT1263	269	H5GLG00K5G	42	H6GLG02K0G	41
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DFS14855-C	305	DS458010-A	220	DSRT4583	242	DWRT1560	269	H5GLG03K0G	42	H6GLG07K0G	41
DFS14865-A	308	DS458060-A	220	DSRT4585	242	DWRT1561	269	H5GLG05K0G	42	H6GLG10K0G	41
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DFS14895-C	305	DSADA001	315	DSS4280803	236	DWRT1861	269	H5GLR00K5R	43	H6GLR02K0R	42
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H6GSR10K0R	38	HBIX360024	86	HLP23LC03F	206	HLP25TF10F	204	HLPSUCC12S	198	HSEAKBH045	200
H6GSU00K5U	38	HBIX360025	86	HLP23LC05F	206	HLP25TT01F	204	HLPSUCC24M	198	HSEAKBH049	200
H6GSU01K0U	38	HBIX360026	86	HLP23LC10F	206	HLP25TT02F	204	HLPSUCC24S	198	HSEAKBH083	200
H6GSU02K0U	38	HBIX360027	86	HLP23LL01F	206	HLP25TT03F	204	HLPSULL04M	198	HSEAKBH084	200
H6GSU03K0U	38	HBIX360028	86	HLP23LL02F	206	HLP25TT05F	204	HLPSULL04S	198	HSEAKBH085	200
H6GSU05K0U	38	HBIX360029	86	HLP23LL03F	206	HLP25TT10F	204	HLPSULL08M	198	HSEAKBH089	200
H6GSU07K0U	38	HBIX360030	86	HLP23LL05F	206	HLP26CC01F	208	HLPSULL08S	198	HSEAKBH123	200
H6GSU10K0U	38	HBIX360055	86	HLP23LL10F	206	HLP26CC02F	208	HLPSULL12M	198	HSEAKBH124	200
H6GSY00K5Y	38	HBIX360056	86	HLP23LT02F	206	HLP26CC03F	208	HLPSULL12S	198	HSEAKBH125	200
H6GSY01K0Y	38	HBIX360057	86	HLP23LT05F	206	HLP26CC05F	208	HLPSULL24M	198	HSEAKBH129	200
H6GSY02K0Y	38	HBIX360058	86	HLP23LT10F	206	HLP26CC10F	208	HLPSULL24S	198	HSEAKBH243	200
H6GSY03K0Y	38	HBIX360059	86	HLP23TC02F	206	HLP26CF02F	208	HLPSUTT04M	198	HSEAKBH244	200
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Q7173290	332	Q7A707305	370	Q7MI707203	334	Q7SI707185	338	Q7V707487	366	XC1601501	56
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Q7173304	355	Q7A707307	368	Q7MI707205	334	Q7SI707187	344	Q7V707489	367	XC1608901	56
Q7173305	355	Q7A707311	368	Q7MI707206	334	Q7SI707188	344	Q7V707490	369	XC1608903	56
Q7173365	327	Q7A707312	371	Q7MI707207	334	Q7SI707189	344	Q7V707491	346	XC1608911	56
Q7173368	327	Q7A707313	371	Q7MI707208	334	Q7SI707190	344	Q7V707497	348	XC1608913	56
Q7173501	332	Q7A707314	369	Q7MI707209	335	Q7SI707210	344	Q7VI707801	329	XC1609401	56
Q7173576	345	Q7A707315	367	Q7MI707211	334	Q7SI707212	344	Q7VI707802	329	XC1609403	56
Q7173583	327	Q7A707316	367	Q7MI707212	334	Q7SI707213	344	Q7VI707803	329	XC1609901	56
Q7173586	328	Q7A707317	371	Q7MI707213	335	Q7SI707214	344	Q7VI707806	341	XC1609903	56
Q7173609	333	Q7A707318	371	Q7MI707214	335	Q7SI707215	344	Q7TF801	324		
Q7173622	342	Q7A707319	368	Q7MI707215	335	Q7SI707226	344	Q7TG702	324		
Q7173795	333	Q7A707320	371	Q7N707537	381	Q7TEG1008	323	Q7SGWS2404	323		
Q7173846	349	Q7A707321	371	Q7N707546	382	Q7TEG1016G	323	X			
Q7173952	355	Q7A707322	370	Q7N707547	382	Q7TEG1024G	323	XC150102	158		
Q7173953	341	Q7A707323	369	Q7N707548	382	Q7TEH1026G	322	XC150103	158		
Q7173956	338	Q7A707324	368	Q7N707549	382	Q7TEH1048	322	XC150104	158		

General Terms of Delivery

issued by the Austrian Electrical and Electronics Industry Association (FEEL)



1. Scope

- 1.1. These General Terms shall govern legal transactions between business enterprises, namely the delivery of commodities and, mutatis mutandis, the rendering of services. Software transactions are with precedence governed by the Software Conditions issued by the Austrian Electrical and Electronics Industry Association, assembly work by the Terms and Conditions for Assembly Work issued by the Austrian Power Current and Light Current Engineering Industry and/or (where applicable) the Terms and Conditions for the Assembly of Electrical Equipment used in Medicine issued by the Austrian Electrical and Electronics Industry (the current versions are available at www.feel.at).
- 1.2. Any departure from the terms and conditions mentioned in 1.1 above shall be valid only if expressly accepted in writing by Seller.

2. Submission of offers

- 2.1. Seller's offers shall be deemed offers without engagement.
- 2.2. Tender documents and project documentation must not be duplicated nor made available to third parties without the permission of Seller. They may be claimed back at any time and shall be returned to Seller immediately if the order is placed elsewhere.

3. Conclusion of contract

- 3.1. The contract shall be deemed concluded upon written confirmation by Seller of an order received or upon dispatch of a delivery.
- 3.2. Particulars appearing in catalogues, folders etc. as well as any oral or written statements shall only be binding if Seller makes express reference to them in the confirmation of the order.
- 3.3. Subsequent amendments of or additions to the contract shall be subject to written confirmation.

4. Prices

- 4.1. Prices shall be quoted ex works or ex Seller's warehouse without VAT, packing and packaging, loading, disassembly, take-back and proper recycling and disposal of waste electrical and electronic equipment for commercial purposes as defined by the Ordinance Regulating the Handling of Waste Electrical Equipment. Buyer shall be liable for any and all charges, taxes or other duties levied in respect of delivery. If the terms of delivery include transport to a destination designated by Buyer, transport costs as well as the cost of any transport insurance desired by Buyer shall be borne by the latter. Delivery does not, however, include unloading and subsequent handling. Packaging materials will be taken back only by express agreement.
- 4.2. Seller reserves the right to modify prices if the order placed is not in accordance with the offer submitted.
- 4.3. Prices are based on costs obtaining at the time of the first quotation. In the event that the costs have increased by the time of delivery, Seller shall have the right to adjust prices accordingly.
- 4.4. In carrying out repair orders, Seller shall provide all services deemed expedient and shall charge Buyer for the same on the basis of the work input and/or expenditures required. The same holds for any services or additional services the expediency of which becomes apparent only as the repair order is executed. In such an event special notification of Buyer shall not be required.
- 4.5. Expenses for estimates of costs of repair and maintenance or for expert valuations shall be invoiced to Buyer.

5. Delivery

- 5.1. The period allowed for delivery shall commence at the latest of the following dates:
 - a) the date of order confirmation by Seller;
 - b) the date of fulfilment by Buyer of all the conditions, technical, commercial and other, for which he is responsible;
 - c) the date of receipt by Seller of a deposit or security due before delivery of the goods in question.
- 5.2. Buyer shall obtain whatever licences or approvals may be required from authorities or third parties for the construction of plant and equipment. If the granting of such licences or approvals is delayed for any reason the delivery period shall be extended accordingly.
- 5.3. Seller may carry out, and charge Buyer for, partial or advance deliveries. If delivery on call is agreed upon, the commodity shall be deemed called off at the latest one year after the order was placed.
- 5.4. In case of unforeseeable circumstances or circumstances beyond the parties control, such as all cases of force majeure, which impede compliance with the agreed period of delivery, the latter shall be extended in any case for the duration of such circumstances; these include in particular armed conflicts, official interventions and prohibitions, delays in transport or customs clearance, damages in transit, energy shortage and raw materials scarcity, labour disputes, and default on performance by a major component supplier who is difficult to replace. The aforesaid circumstances shall be deemed to prevail irrespective of whether they affect Seller or his subcontractor(s).
- 5.5. If a contractual penalty for default of delivery was agreed upon by contracting parties when the contract was concluded, it shall be executed as follows, and any deviations concerning individual items shall not affect the remaining provisions: Where delay in performance can be shown to have occurred solely through the fault of Seller, Buyer may claim for each completed week of delay an indemnity

of at most one half of one per cent, a total of no more than 5 %, however, of the value of that part of the goods to be delivered which cannot be used on account of Seller's failure to deliver an essential part thereof, provided the Buyer has suffered a damage to the aforesaid extent. Assertion of rights of damages exceeding this extent is precluded.

6. Passage of risk and place of performance

- 6.1. Unless otherwise agreed, the delivery of goods is considered sold EXW in accordance with INCOTERMS® 2010.
- 6.2. For services, the place of performance shall be the place indicated in the written order confirmation, secondary to that at which the service is actually rendered by Seller. The risk in respect of such services or any part thereof shall pass to Buyer at the time the services have been rendered.

7. Payment

- 7.1. Unless otherwise agreed, one third of the purchase price shall fall due at the time of receipt by Buyer of the order confirmation of Seller, one third after half the delivery period has elapsed and the balance at the time of delivery. Irrespective thereof the turnover tax comprised in the amount of the invoice shall be paid within 30 days of the invoice date. If bankruptcy proceedings are instituted against the assets of Buyer or if an application for bankruptcy proceedings is not granted for insufficiency of assets, deliveries shall only be made against cash in advance.
- 7.2. In the case of part settlements the individual part payments shall fall due upon receipt of the respective invoices. The same shall apply to amounts invoiced for additional deliveries or resulting from additional agreements beyond the scope of the original contract, irrespective of the terms of payment agreed upon for the principal delivery.
- 7.3. Payment shall be made without any discount free Seller's domicile in the agreed currency. Drafts and checks shall be accepted on account of payment only, with all interest, fees and charges in connection therewith (such as collection and discounting charges) to be borne by Buyer.
- 7.4. Buyer shall not be entitled to withhold or offset payment on the grounds of any warranty claims or other counterclaims.
- 7.5. Payment shall be deemed to have been effected on the date at which the amount in question is at Seller's disposal.
- 7.6. If Buyer fails to meet the terms of payment or any other obligation arising from this or other legal transactions, Seller may without prejudice to his other rights
 - a) suspend performance of his own obligations until payments have been made or other obligations fulfilled, and exercise his right to extend the period of delivery to a reasonable extent,
 - b) call in debts arisen from this or any other legal transactions and charge default interest amounting to 1.25 % per month plus turnover tax for these amounts beginning with the due dates, unless Seller proves costs exceeding this.
 - c) only perform other legal transactions against cash in advance in the case of qualified insolvency, in other words, following two delays in payment.In any case Seller has the right to invoice all expenses arising prior to a lawsuit, especially reminder charges and lawyer's fees.
- 7.7. Discounts or bonuses are subject to complete payment in due time.
- 7.8. Seller retains title to all goods delivered by him until receipt of all amounts invoiced including interests and charges. Buyer herewith assigns his claim out of a resale of conditional commodities, even if they are processed, transformed or combined with other commodities, to Seller to secure the latter's purchase money claim. In the case of resale granting respite Buyer shall have the power of disposal of the product under retention of ownership only with the proviso that upon reselling Buyer notifies the secondary buyer of the assignment for security or enters the assignment in his account books. Upon request Buyer has to notify the assigned claim and the debtor thereof to Seller, and to make all information and material required for his debt collection available and to notify the assignment to the third-party debtor. If the goods are attached or otherwise levied upon, Buyer shall draw attention to Seller's title and immediately inform Seller of the attachment or levy.

8. Warranty and acceptance of obligation to repair defects

- 8.1. Once the agreed terms of payment have been complied with, Seller shall, subject to the conditions hereunder, remedy any defect existing at the time of acceptance of the article in question whether due to faulty design, material or manufacture, that impairs the functioning of said article. From particulars appearing in catalogues, folders, promotional literature as well as written or oral statements which have not been included in the agreement no warranty obligations may be deduced.
- 8.2. Unless special warranty periods operate for individual items the warranty period shall be 12 months. These conditions shall also apply to any goods supplied, or services rendered in respect of goods supplied, that are firmly attached to buildings or the ground. The warranty period begins at the point of passage of risk acc. to paragraph 6.
- 8.3. For improved or exchanged parts, the warranty period shall start again, but shall end in any case 6 months after the original warranty period has expired.
- 8.4. If delivery or the performance of services is delayed for reasons outside the control of Seller, the warranty period shall begin 2 weeks after Seller is ready to deliver or perform services.

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- 8.5. The foregoing warranty obligations are conditional upon the Buyer giving within a reasonable period notice in writing of any defects that have occurred and such notice reaching the Seller. Buyer shall prove within a reasonable period the presence of a defect, in particular he shall make available within a reasonable period to Seller all material and data in his possession. Upon receipt of such notice Seller shall, in the case of a defect covered by the warranty under 8.1 above, have the option to replace the defective goods or defective parts thereof or else to repair them on Buyer's premises or have them returned for repair, or to grant a fair and reasonable price reduction.
- 8.6. Any expenses incurred in connection with rectifying defects (e. g. expenses for assembly and disassembly, transport, waste disposal, travel and site-quarters time) shall be borne by Buyer. For warranty work on Buyer's premises Buyer shall make available free of charge any assistance, hoisting gear, scaffolding and sundry supplies and incidentals that may be required. Replaced parts shall become the property of Seller.
- 8.7. If an article is manufactured by Seller on the basis of design data, design drawings, models or other specifications supplied by Buyer, Seller's warranty shall be restricted to non-compliance with Buyers specifications.
- 8.8. Seller's warranty obligation shall not extend to any defects due to assembly and installation work not undertaken by Seller, inadequate equipment, or due to non-compliance with installation requirements and operating conditions, overloading of parts in excess of the design values stipulated by Seller, negligent or faulty handling or the use of inappropriate materials, nor for defects attributable to material supplied by Buyer. Nor shall Seller be liable for damage due to acts of third parties, atmospheric discharges. Excess voltage and chemical influences. The warranty does not cover the replacement of parts subject to natural wear and tear. Seller accepts no warranty for the sale of used goods.
- 8.9. The warranty shall lapse immediately if, without written consent of Seller, Buyer himself or a third party not expressly authorised undertakes modifications or repairs on any items delivered.
- 8.10. Claims acc. to § 933b ABGB are struck by the statute of limitation with lapse of the period mentioned under point 8.2.
- 8.11. The provisions of sub-paragraphs 8.1 to 8.10 shall apply, mutatis mutandis, to all cases where the obligation to repair defects has to be accepted for other reasons laid down by law.
- 9. Withdrawal from contract**
- 9.1. Buyer may withdraw from the contract only in the event of delays caused by gross negligence on the part of Seller and only after a reasonable period of grace has elapsed. Withdrawal from contract shall be notified in writing by registered mail.
- 9.2. Irrespective of his other rights Seller shall be entitled to withdraw from the contract
- a) if the execution of delivery or the inception or continuation of services to be rendered under the contract is made impossible for reasons within the responsibility of Buyer and if the delay is extended beyond a reasonable period of grace allowed;
 - b) if doubts have arisen as to Buyer's creditworthiness and if same fails, on Seller's request, to make an advance payment or to provide adequate security prior to delivery, or
 - c) if, for reasons mentioned in 5.4, the period allowed for delivery is extended by more than half of the period originally agreed or by at least 6 months, or
 - d) if Buyer does not or does not properly meet the obligations imposed as per paragraph 13.
- 9.3. For the reasons given above withdrawal from the contract shall also be possible in respect of any outstanding part of the delivery or service contracted for.
- 9.4. If bankruptcy proceedings are instituted against Buyer or an application for bankruptcy proceedings is not granted for insufficiency of assets, Seller may withdraw from the contract without allowing a period of grace. If this withdrawal is taken, it shall take effect immediately upon the decision that the business will not be continued. If the business will be continued, a withdrawal shall not take effect until 6 months after the institution of bankruptcy proceedings or after an application for bankruptcy proceedings has not been granted for insufficiency of assets. In any case, the contract shall be terminated immediately unless the bankruptcy law to which Buyer is subject conflicts with this or if termination of the contract is necessary to prevent significant damages to Seller.
- 9.5. Without prejudice to Seller's claim for damages including expenses arising prior to a lawsuit, upon withdrawal from contract any open accounts in respect of deliveries made or services rendered in whole or in part shall be settled according to contract. This provision also covers deliveries or services not yet accepted by Buyer as well as any preparatory acts performed by Seller. Seller shall, however, have the option alternatively to require the restitution of articles already delivered.
- 9.6. Withdrawal from contract shall have no consequences other than those stipulated above.
- 9.7. The assertion of claims on the ground of *laesio enormis*, error, or lapse of purpose by the Buyer is excluded.

10. Disposal of waste electrical and electronic equipment

- 10.1. The Buyer of electrical/electronic equipment for commercial purposes, incorporated in Austria, is responsible for the financing of the collection and treatment of waste electrical and electronic equipment as defined by the Ordinance Regulating the Handling of Waste Electrical Equipment, if he is himself the user of the electrical/electronic equipment. If the Buyer is not the end user, he shall transfer the full financial commitment to his customer by agreement and furnish proof thereof to the Seller.
- 10.2. The Buyer incorporated in Austria shall ensure that the Seller is provided with all information necessary to meet the Seller's obligations as manufacturer/importer, particularly according to §§ 11 and 24 of the Ordinance Regulating the Handling of Waste Electrical Equipment and the Waste Management Act.
- 10.3. The Buyer incorporated in Austria is liable vis-à-vis the Seller for any damage and other financial disadvantages incurred by Seller due to Buyer's failure to meet or fully meet his financing commitment or any other obligations according to Article 10. The Buyer shall bear the burden of proof of performance of this obligation.

11. Seller's liability

- 11.1. Outside the scope of the Product Liability Act, Seller shall be liable only if the damage in question is proved to be due to intentional acts or acts of gross negligence, within the limits of statutory provisions. Seller's total liability in cases of gross negligence is limited to the net value of the order or EUR 500,000, depending on which amount is lower.
- 11.2. For each incident of damage, Seller shall be liable for 25% of the net value of the order or EUR 125,000, depending on which amount is lower.
- 11.3. Seller shall not be liable for damage due to acts of ordinary negligence nor for consequential damages or damages for pure economic loss, indirect damages, loss of production, financing costs, costs for replacement energy, loss of energy, data or information, loss of profits, loss of savings or interest, or damage resulting from third-party claims against buyer.
- 11.4. Seller shall not be liable for damages in case of non-compliance with instructions for assembly, commissioning and operation (such as are contained in instructions for use) or non-compliance with licensing requirements.
- 11.5. Claims that exceed the contractual penalties that were agreed on are excluded from the respective title. The provisions of paragraph 11 apply exclusively for all claims by Buyer against Seller, regardless of the legal basis or entitlement, and also apply to all employees, subcontractors and subsuppliers of Seller.

12. Industrial property rights and copyrights

- 12.1. Buyer shall indemnify Seller and hold him harmless against any claims for any infringement of industrial property rights raised against him if Seller manufactures an article pursuant to any design data, design drawings, models or other specifications made available to him by Buyer.
- 12.2. Design documents such as plans and drawings and other technical specifications as well as samples, catalogues, prospectuses, pictures and the like shall remain the intellectual property of Seller and are subject to the relevant statutory provisions governing reproduction, imitation, competition etc. The provisions of 2.2 above shall also cover design documents.

13. Compliance with export provisions

- 13.1. When passing on goods delivered by Seller to third parties (as well as any related documentation, regardless of the method of provision or the services performed by Seller [including technical support of any kind]), Buyer must comply with the applicable regulations of national and international (re-)export provisions. In any case, Buyer must observe the (re-)export provisions of Seller's country of residence, the European Union and the United States of America.
- 13.2. If necessary for export controls, Buyer must provide Seller with all necessary information immediately after being requested to do so, for example, information about the final recipient, final destination and purpose of the goods or services.

14. General

Should individual provisions of the contract or of these provisions be invalid the validity of the other provisions shall not be affected. The invalid provision shall be replaced by a valid one, which comes as close to the target goal as possible.

15. Jurisdiction and applicable law

Any litigations arising under the contract including litigations over the existence or non-existence thereof shall fall within the exclusive jurisdiction of the competent court at Seller's domicile; the competent court of the Bezirksgericht Innere Stadt, Vienna, shall have exclusive jurisdiction if Seller is domiciled in Vienna. The contract is subject to Austrian law excluding the referral rules. Application of the UN Convention on Contracts for the International Sale of Goods is renounced.

16. Proviso

The execution of the contract by Seller is subject to the condition that there are no obstacles standing in the way of execution due to national or international (re-)export provisions, and especially no embargos and/or other sanctions.

Last revised in September 2011



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