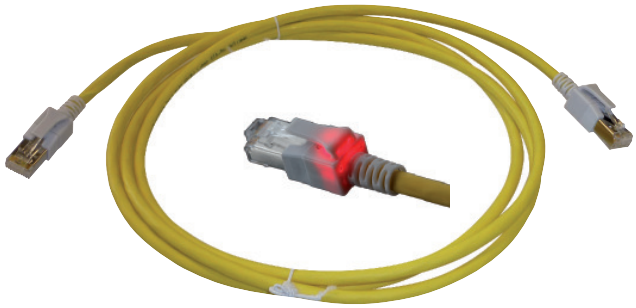
HARTING Ha-VIS Smart patch cable IP 20 Cat. 6



Ha-VIS Smart patch cable
IP 20 Cat. 6

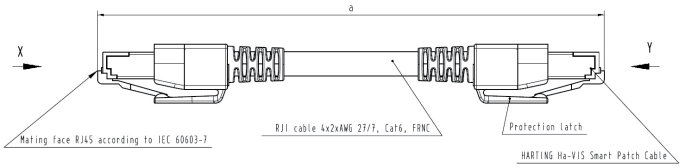
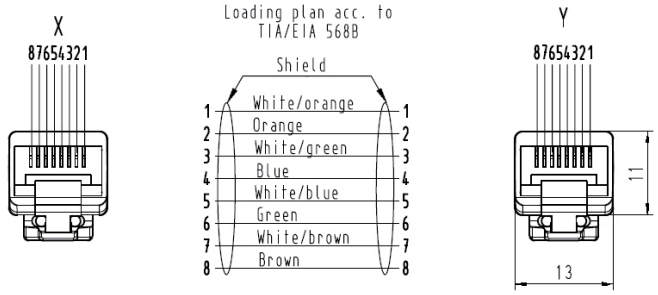
Advantages

- Easy and fast illuminated detection of patch cables
- Easy to use
- Suitable for Gigabit Ethernet 1000 Mbit/s
- Transmission performance in acc. with Cat. 6 ISO/IEC 11 801
- Compact and space saving plug by dual boot design
- Capable for multiport applications
- Very robust locking lever protection and unlocking latch
- Good shielding against EMC influence
- Flame retardant and halogen-free
- Colour coding option
- RFID option
- GHMT certified

General

This RJ45 patch cable comes with illuminated RJ45 Ethernet plugs. The plugs are very easy and comfortable to identify each other over distances up to 100 meters, e.g. in clusters of racks in data centres facilitate enormously the allocation of ports.

Each RJ45 connector has an integrated LED which is illuminated by a detector. It works in anyway if the connectors are plugged in or not. That function has no influence on the Ethernet data transmission.
The new Smart patch cables expand HARTING's Automation IT generic cabling system. The family is marked by an unique design of the two part boot, called dual-boot design. This offers a very easy robust handling and bending protection.

Description	Order number	Drawing
RJ45 acc. to IEC 60 603-7 Boot grey Locking lever protection and unlocking latch Cable S/FTP AWG 27 LSZH chemical resistant cable jacket, yellow Wiring: 1:1 TIA/EIA-568-B, 8-wire 100 % electrical tested		
Ha-VIS Smart Patch cable Cat. 6 (further lengths on request)		
1.0 m	09 47 474 7201	
2.0 m	09 47 474 7203	
5.0 m	09 47 474 7206	
7.0 m	09 47 474 7208	
10.0 m	09 47 474 7211	

All data given are in line with the actual state of the art and therefore not binding.
HARTING reserves the right to modify designs without giving the relevant reasons.

HARTING Ha-VIS Smart patch cable IP 20 Cat. 6

Technical characteristics

Performance	Cat. 6 / Class E acc. to ISO/IEC 24 702 resp. ISO/IEC 11 801, IEC 61 935-2
Mechanical Characteristics	
Bending protection	
Locking lever protection	
Electrical Characteristics	
Characteristic Impedance	100 Ω
Wiring	1:1 TIA/EIA-568-B
EMC	Fully shielded (aluminised foil and tinned copper braid)
Environmental Characteristics	
Protection class	IP 20
Halogen-free	IEC 60 754-2
Flame retardant	IEC 60 332-3
Low smoke density	IEC 61 034
Lead free	LSZH and RoHS compliant
Thermal Characteristics	
Operating temperature	
Mobile:	0 °C ... +50 °C
Stationary:	-20 °C ... +60 °C
Printing	HARTING Ha-VIS Smart Patch Cat. 6 FRNC
Packaging	One piece in poly-bag labelled

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HARTING Ha-VIS Smart patch cable Detector

Ha-VIS Smart patch cable Detector

Description	Order number	General
• Metal housing • Protection cover for the contacts • 4 batteries type LR4 included and available as spare parts at specialized trade • Operating modes: 1. light on 2. fast flash light 3. slow flash light 4. light off	09 47 900 0001	Make sure that the detector is switched off when not in use. otherwise the batteries will be discharged. It is obligatory to use only this detector with HARTING Ha-VIS Smart patch cables. Otherwise the cables could be damaged.

HARTING RJ Industrial® 10G colour clips

HARTING RJ Industrial® 10G colour clips

Description	Order number	General
HARTING RJ Industrial® 10G Colour clips		These clips are suitable for colour coding of the HARTING Ha-VIS Smart patch cable as well as RJ Industrial® 10G. The colour clips provide an RFID option for automatic detection and storage of the patch cable ID. Every order number contains a package of 50 pieces.
white	09 45 850 0001	
grey	09 45 850 0002	
yellow	09 45 850 0003	
magenta	09 45 850 0005	
red	09 45 850 0007	
blue	09 45 850 0008	
green	09 45 850 0009	
brown	09 45 850 0010	

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