

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

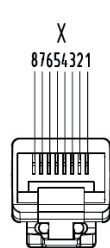
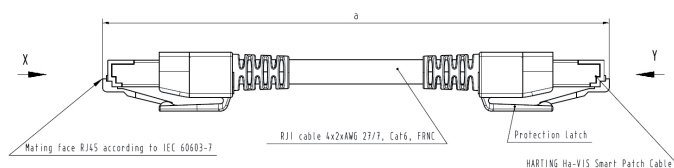
RJ45 acc. to IEC 60 603-7
Boot grey
Locking lever protection and unlocking latch
Cable S/FTP AWG 27
LSZH chemical resistant cable jacket, yellow
Wiring: 1:1 TIA/EIA-568-B, 8-wire
100 % electrical tested

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

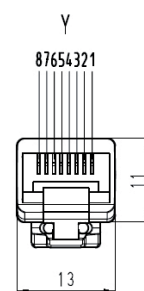
Order number

Drawing



Loading plan acc. to TIA/EIA 568B

Shield	
1	White/orange
2	Orange
3	White/green
4	Blue
5	White/blue
6	Green
7	White/brown
8	Brown



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

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

white
grey
yellow
magenta
red
blue
green
brown

09 45 850 0001
09 45 850 0002
09 45 850 0003
09 45 850 0005
09 45 850 0007
09 45 850 0008
09 45 850 0009
09 45 850 0010

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.



HARTING Electric GmbH & Co. KG

Wilhelm-Harting-Straße 1 | D-32339 Espelkamp | Postfach 14 73 | D-32328 Espelkamp

Tel.: +49 5772 47-97100 | Fax: +49 5772 47-688 | electric@HARTING.com | www.HARTING.com

2010-09-09