

## 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

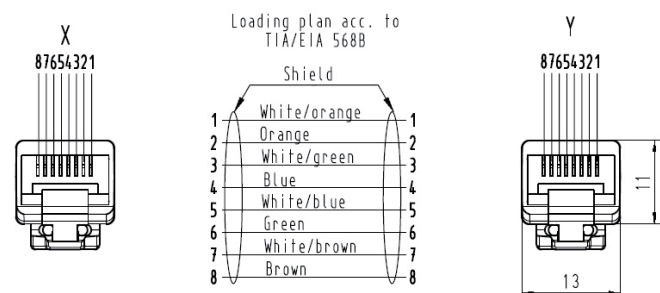
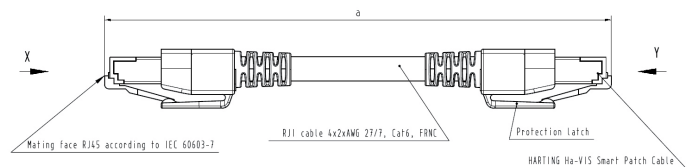
RJ45 acc. to IEC 60 603-7  
 Boot grey  
 Locking lever protection and un-  
 locking latch  
 Cable S/FTP AWG 27  
 LSZH chemical resistant cable  
 jacket, yellow  
 Wiring: 1:1 TIA/EIA-568-B, 8-wire  
 100 % electrical tested

### Order number

### Drawing

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



## 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  
Wiring  
EMC

100 Ω  
1:1 TIA/EIA-568-B  
Fully shielded (aluminised foil and tinned copper braid)

### Environmental Characteristics

Protection class  
Halogen-free  
Flame retardant  
Low smoke density  
Lead free

IP 20  
IEC 60 754-2  
IEC 60 332-3  
IEC 61 034  
LSZH and RoHS compliant

### Thermal Characteristics

Operating temperature  
Mobile:  
Stationary:

0 °C ... +50 °C  
-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
<ul style="list-style-type: none"> <li>• Metal housing</li> <li>• Protection cover for the contacts</li> <li>• 4 batteries type LR4 included and available as spare parts at specialized trade</li> <li>• Operating modes:                             <ol style="list-style-type: none"> <li>1. light on</li> <li>2. fast flash light</li> <li>3. slow flash light</li> <li>4. light off</li> </ol> </li> </ul>	09 47 900 0001	<p>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.</p>

# HARTING RJ Industrial® 10G colour clips

## HARTING RJ Industrial® 10G colour clips



Description	Order number	General																	
<p>HARTING RJ Industrial® 10G Colour clips</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">white</td> <td style="width: 30%; text-align: center;">09 45 850 0001</td> <td rowspan="8" style="vertical-align: top;"> <p>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.</p> </td> </tr> <tr> <td>grey</td> <td style="text-align: center;">09 45 850 0002</td> </tr> <tr> <td>yellow</td> <td style="text-align: center;">09 45 850 0003</td> </tr> <tr> <td>magenta</td> <td style="text-align: center;">09 45 850 0005</td> </tr> <tr> <td>red</td> <td style="text-align: center;">09 45 850 0007</td> </tr> <tr> <td>blue</td> <td style="text-align: center;">09 45 850 0008</td> </tr> <tr> <td>green</td> <td style="text-align: center;">09 45 850 0009</td> </tr> <tr> <td>brown</td> <td style="text-align: center;">09 45 850 0010</td> </tr> </table>	white	09 45 850 0001	<p>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.</p>	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		
white	09 45 850 0001	<p>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.</p>																	
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