



HARTING RJ Industrial® 10G connector set RJ45, 8-poles

Advantages

- RJ45 Ethernet-Data connector suitable for industry
- Field-assembly with *HARAX*® quick termination in IDC technology
- Compact design
- Ergonomically unlocking clip
- Less weight assures shock- and vibration resisting connection
- Category of transmission Cat. 6
- Suitable for solid and stranded wires
- Suitable for PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at)

Technical characteristics

Connector type	RJ45 connector acc. to IEC 60 603-7
Number of contacts	8
Transmission category	Category 6, class E _A , suitable for 1/10 Gigabit Ethernet
Transmission performance	Category 6 / Class E _A up to 500 MHz acc. to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate	10/100 Mbit/s and 1/10 Gbit/s
Shielding	fully shielded, 360° shielding contact
Mounting	Field-assembly
Cable termination	with IDC-contacts, without tools
Connectable cables	
- Conductor cross section	AWG 27 ... AWG 22 (solid / stranded)
- Conductor diameter	max. 1.6 mm (incl. insulation)
- Cable diameter	4.5 ... 9 mm (straight version) 4.5 up to 8 mm (45° angled version)
Mating cycles	min. 750
Degree of protection	IP 20
Temperature range	-40 °C ... +70 °C
Housing material	Polyamide, UL 94-V0
Colour	black

Identification

Part No.

Drawing

Dimensions in mm

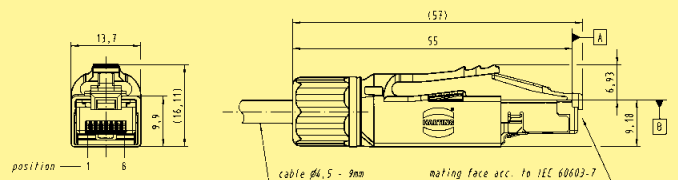
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straight version

09 45 151 1560
09 45 151 1560 XL¹⁾

45° angled version
(four different cable outlets possible)

09 45 151 1561



Identification

Colour

Part No.

Colour clips for colour coding the HARTING RJ Industrial® 10G connector

If required the colour clips can be equipped with an RFID-chip for automatic patch cable-ID recognition and storage.

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

¹⁾ Packaging with 100 sets

Identification	Part No.	
HARTING RJ Industrial® Stripping Tool Stripping tool for Ethernet cables including blade cassette	09 45 800 0000	 The RJ Industrial Stripping Tool is ready to remove insulation from cables for fast mounting with diameters from 2.5 to 8 mm quick and easy. It allows to remove cable sheath and shielding braid in one.
Spare blade cassette	09 45 800 0001	
Stripping tool	09 45 800 0002	
HARTING RJ Industrial® Gigalink Mounting tools for HARTING RJ Industrial® Gigalink connectors	09 45 800 0520	 With the RJ Industrial Gigalink Assembly Tool Ethernet connectors can be quickly, easily and reliably connected to flexible cables.
for HARTING RJ Industrial® Gigalink Cat. 6A compact connectors	09 45 800 0525	
Wire cutter	09 45 800 0005	
Cable shear	09 45 800 0004	