

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 |
|----------------|----------|---------|------------------|
|----------------|----------|---------|------------------|

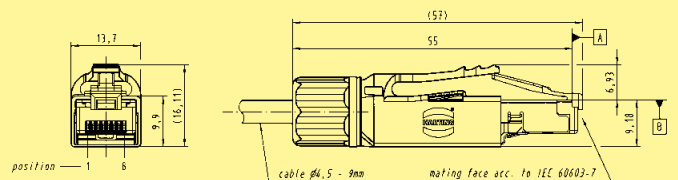
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straight version

45° angled version
(four different cable outlets possible)

09 45 151 1560
09 45 151 1560 XL¹⁾

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 | 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 |

¹⁾ Packaging with 100 sets