# RJ45 IP20 connectors

HARTING RJ Industrial® Gigalink
connector set RJ45, 8 poles

## Advantages

- RJ45 Ethernet-Data connector suitable for industry
- Assembly with piercing contacts
- Compact design
- Ergonomically unlocking clip
- Less weight assures shock- and vibration resisting connection
- Category of transmission Cat. $6_A$
- 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 performance | Category $6_A$, Class $E_A$ up to 500 MHz acc. to ISO / IEC 11 801, EN 50 173-1 |
| Data rate | 10 Mbit/s, 100 Mbit/s, 1 Gbit/s, 2,5 Gbit/s, 5 Gbit/s, 10 Gbit/s |
| Shielding | fully shielded, 360° shielding contact |
| Mounting | Assembly |
| Cable termination | with piercing contacts |
| Connectable cables | |
| - Conductor cross section | AWG 28/7 … AWG 24/7 (stranded) |
| - Conductor diameter | max. 1.05 mm (incl. insulation) |
| - Cable diameter | 4.5 … 9 mm |
| Mating cycles | min. 750 |
| Degree of protection | IP20 |
| Temperature range | - 40 °C … +70 °C |
| Housing material | polycarbonate, UL 94-V0 |
| Colour | Black, yellow |
| ®️UL | UL approval (E102079) |

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| Identification | Part number | Drawing | Dimensions in mm |
|---|---|---|---|
| HARTING RJ Industrial® Gigalink Cat. $6_A$ connector set RJ45, 8 poles | | Mating face acc. to IEC 60 603-7 | |
| incl.: housing with shielding, cable gland and instruction manual | 09 45 151 1520 09 45 151 1520 XL[1] | 13,97 maxi  11,3  10,5  7,6  Max.60 Contact No. 8   Contact No. 1 | |
| Assembly tool for 09 45 151 1520 | 09 45 800 0520 | | |
| Compact version | 09 45 151 1525[1] | Mating face acc. to IEC 60 603-7  13  8  6  39  6,3  Contact No. 8   Contact No. 1 | |
| Assembly tool for 09 45 151 1525 | 09 45 800 0025 | | |

[1] Packaging with 100 sets