



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 60603-7 |
| Number of contacts | 8 |
| Transmission performance | Category 6 _A / Class E _A up to 500 MHz acc. to ISO/IEC 11801:2002, EN 50173-1 |
| Transmission rate | 10/100 Mbit/s and 1/10 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 | 6.1 ... 6.9 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 approval (E102079) |

| Identification | Part number | Drawing | Dimensions in mm |
|--|---|--|------------------|
| <p>HARTING RJ Industrial® Gigalink Cat. 6_A connector set RJ45, 8 poles</p> <p>incl.: housing with shielding, cable gland and instruction manual</p> | <p>09 45 151 1520</p> <p>09 45 151 1520 XL¹⁾</p> | <p>Mating face acc. to IEC 60603-7</p> | |
| <p>Assembly tool for 09 45 151 1520</p> | <p>09 45 800 0520</p> | | |
| <p>Compact version</p> | <p>09 45 151 1525¹⁾</p> | <p>Mating face acc. to IEC 60603-7</p> | |
| <p>Assembly tool for 09 45 151 1525</p> | <p>09 45 800 0025</p> | | |

¹⁾ Packaging with 100 sets