



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	5.0 ... 6.5 mm
Mating cycles	min. 750
Degree of protection	IP20
Temperature range	-40 °C ... +70 °C
Housing material	polycarbonate, UL 94-V0
Colour	Black
	UL approval (E102079)

Connecting hardware

Identification	Part number	Drawing	Dimensions in mm
HARTING RJ Industrial® Gigalink Cat. 6 _A Compact connector set RJ45, 8 poles without cable grommet	09 45 151 1524 ¹⁾		
Suitable assembly tool	09 45 800 0025		
Cable grommet			
yellow	09 45 151 0010 ¹⁾		
green	09 45 151 0021 ¹⁾		
black	09 45 151 0022 ¹⁾		
light grey	09 45 151 0023 ¹⁾		
red	09 45 151 0024 ¹⁾		
white	09 45 151 0025 ¹⁾		
blue	09 45 151 0026 ¹⁾		

¹⁾ Packaging with 100 sets