



HARTING RJ Industrial® cable jack (keystone version)

Advantages

- Compact and robust design
- 360° shielding
- Category of transmission Cat. 6A
- Suitable for solid and stranded wires
- Field-assembly with quick termination in IDC technology
- Keystone form factor – useable for DIN-rail outlet 09 45 851 0000 and a wide range of typical patch panels and wall outlets
- 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 6A, Class E _A up to 500 MHz acc. to ISO/IEC 11801, 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	Field-assembly
Cable termination	with IDC-contacts, without tools
Connectable cables	
- Conductor cross section	AWG 28 ... AWG 24 (solid/stranded) ¹⁾
- Conductor diameter	AWG 24 ... AWG 22 (solid/stranded) ²⁾ max. 1.6 mm (incl. insulation) ¹⁾
- Cable diameter	max. 1.2 mm (incl. insulation) ²⁾ 5 ... 9 mm
Mating cycles	min. 750
Degree of protection	IP20
Temperature range	-40 °C ... +70 °C
Housing material	Zinc die-cast, nickel-plated

Identification	Part number	Drawing	Dimensions in mm
HARTING RJ Industrial® 10G cable jack, 8 poles			
AWG 28 ... 24	09 45 545 1563		
AWG 24 ... 22	09 45 545 1564		
HARTING RJ Industrial® PN cable jack, 4 poles, Cat. 5			
AWG 24 ... 22	09 45 545 1122		
Unlocking tool for opening of the HARTING RJ Industrial® cable jacks	20 82 000 9916		

¹⁾ For part number 09 45 545 1563

²⁾ For part number 09 45 545 1564 and 09 45 545 1122