



HARTING RJ Industrial® cable jack  
(HIFF version)

## Advantages

- Compact and robust design
- 360° shielding
- Category of transmission Cat. 6
- Suitable for solid and stranded wires
- Field-assembly with quick termination in IDC technology
- Compatible with HIFF dimensions for use in:
  - Han® 3 A series with HIFF adapter 09 45 515 0024
  - HARTING PushPull (V4)
    - Compact bulkhead mounting housing 09 45 545 0028
    - EasyInstall bulkhead mounting housing 09 45 545 0032
  - Han® PushPull (V14)
    - Panel feed-through plastic 09 35 012 0331
    - Panel feed-through metal rectangular 09 35 012 0311
    - Panel feed-through metal circular 09 35 012 0312
  - har-port 09 45 452 0000
- 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, Class E <sub>A</sub> 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 27 ... AWG 24 (solid/stranded) <sup>1)</sup> AWG 24 ... AWG 22 (solid/stranded) <sup>2)</sup>
- Conductor diameter	max. 1.6 mm (incl. insulation) <sup>1)</sup> max. 1.2 mm (incl. insulation) <sup>2)</sup>
- Cable diameter	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 1561		
AWG 24 ... 22	09 45 545 1562		
HARTING RJ Industrial® PN cable jack, 4 poles, Cat. 5			
AWG 24 ... 22	09 45 545 1120		
Unlocking tool for opening of the HARTING RJ Industrial® cable jacks	20 82 000 9916		

<sup>1)</sup> For part number 09 45 545 1561

<sup>2)</sup> For part number 09 45 545 1562 and 09 45 545 1120