

RJI MF RJ45 plug Cat6A, 8p IDC angl. 35°



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Part number	09 45 151 1572
Specification	RJI MF RJ45 plug Cat6A, 8p IDC angl. 35°
HARTING eCatalogue	https://harting.com/09451511572

Image is for illustration purposes only. Please refer to product description.

Identification

Category	Connectors
Series of hoods/housings	HARTING RJ Industrial [®]
Element	Connector
Specification	PROFINET Multi Feature RJ45 35° angled
Features	Suitable for all PoE versions
Version	
Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Number of contacts Technical characteristics	8
	8 0.12 0.32 mm ² Stranded 0.12 0.32 mm ² Solid
Technical characteristics	0.12 0.32 mm ² Stranded
Technical characteristics Conductor cross-section	0.12 0.32 mm ² Stranded 0.12 0.32 mm ² Solid AWG 26/7 AWG 22/7 Stranded
Technical characteristics Conductor cross-section Conductor cross-section [AWG]	0.12 0.32 mm ² Stranded 0.12 0.32 mm ² Solid AWG 26/7 AWG 22/7 Stranded AWG 26/1 AWG 22/1 Solid
Technical characteristics Conductor cross-section Conductor cross-section [AWG] Wire outer diameter	0.12 0.32 mm ² Stranded 0.12 0.32 mm ² Solid AWG 26/7 AWG 22/7 Stranded AWG 26/1 AWG 22/1 Solid 0.8 1.6 mm

Page 1 / 3 | Creation date 2025-02-26 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Insulation resistance	> 5 x 10 ⁹ Ω
Contact resistance	≤20 mΩ
Contact resistance, shielding	≤100 mΩ
Limiting temperature	-40 +85 °C
Relative humidity	95 % Non-condensing (operation)
Insertion force	≤25 N
Withdrawal force	≤25 N
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP20
Cable diameter	4.5 9 mm
Test voltage U _{DC}	1 kV (contact-contact) 1.5 kV (contact-ground)
Vibration resistance	10-500 Hz, 0.35 mm / 50 m/s², 2h/axis 5.72 m/s² acc. to IEC 61373 Category 1 Class B
Shock resistance	50 g / 30 ms, 3 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

Material properties

Material (insert)	Polycarbonate (PC)
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side Sn over Ni Termination side
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Nickel plated
Colour (hood/housing)	silver
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained

Page 2 / 3 | Creation date 2025-02-26 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Material properties

eCl@ss

REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained
Specifications and approvals	
Specifications	IEC 60603-7 Mating face ISO/IEC 11801 EN 50173-1
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL
PROFINET	Yes
Commercial data	
	1
Commercial data	
Commercial data Packaging size	1
Commercial data Packaging size Net weight	1 40 g
Commercial data Packaging size Net weight Country of origin	1 40 g Latvia
Commercial data Packaging size Net weight Country of origin European customs tariff number	1 40 g Latvia 85366990

27440114 Rectangular connector (for field assembly)

Page 3 / 3 | Creation date 2025-02-26 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com