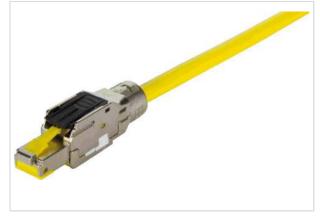


RJI MF RJ45 plug Cat6A, 8p IDC straight



-	
Part number	09 45 151 1570
Specification	RJI MF RJ45 plug Cat6A, 8p IDC straight
HARTING eCatalogue	https://b2b.harting.com/09451511570

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

Identification

Category	Connectors
Series of hoods/housings	HARTING RJ Industrial [®]
Element	Connector
Specification	Multi Feature RJ45 Straight
Features	Suitable for all PoE versions
Version	
Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Technical characteristics	
Conductor cross-section	0.12 0.32 mm² Stranded 0.12 0.32 mm² Solid
Conductor cross-section	AWG 26/7 AWG 22/7 Stranded AWG 26/1 AWG 22/1 Solid
Wire outer diameter	0.8 1.6 mm
Rated current	1.76 A
Rated voltage	50 V AC 60 V DC
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz

Page 1 / 3 | Creation date 2023-07-14 | 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 Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



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/Achse 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
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained

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Material properties

California Proposition 65 substances	Not contained
Specifications and approvals	
	IEC 60603-7 Mating face
Specifications	ISO/IEC 11801
	EN 50173-1
Approvals	DNV GL
Commercial data	
Packaging size	1
Net weight	23.06 g
Country of origin	Latvia
European customs tariff number	85366990
GTIN	5713140224339
eCl@ss	27440114 Rectangular connector (for field assembly)