



Pushing Performance  
Since 1945

# RJ45 RJ45 PN plug Cat5, 4p IDC straight



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

Part number	09 45 151 1120
Specification	RJ45 RJ45 PN plug Cat5, 4p IDC straight
HARTING eCatalogue	<a href="https://b2b.harting.com/09451511120">https://b2b.harting.com/09451511120</a>

## Identification

Category	Connectors
Series	HARTING RJ Industrial®
Element	Cable connector
Specification	PROFINET Straight

## Version

Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	4

## Technical characteristics

Conductor cross-section	0.1 ... 0.32 mm²
Conductor cross-section [AWG]	AWG 27/7 ... AWG 22/7 Stranded AWG 27/1 ... AWG 22/1 Solid
Wire outer diameter	1.6 mm
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Limiting temperature	-40 ... +70 °C
Relative humidity	95 % Non-condensing (operation)
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP20



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## Technical characteristics

Cable diameter	4.5 ... 9 mm
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## Material properties

Material (hood/housing)	Polyamide (PA)
Colour (hood/housing)	Black
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
REACH SVHC substances	Yes
REACH SVHC substances	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	EN 45545-2
UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL
PROFINET	Yes

## Commercial data

Packaging size	10
Net weight	24.915 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140059351
ETIM	EC002636
eCl@ss	27440114 Rectangular connector (for field assembly)