



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	https://harting.com/09451511120

Identification

Category	Connectors
Series	HARTING RJ Industrial® RJ45
Element	Cable connector
Specification	PROFINET Straight
Features	Suitable for all PoE versions

Version

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

Technical characteristics

Conductor cross-section (mm²)	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



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Technical characteristics

Degree of protection acc. to IEC 60529	IP20
Cable diameter	4.5 ... 9 mm

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
ECHA SCIP number	d361ed36-dee0-4df8-9f2e-b62dd7563c1a
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
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	2.485 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140059351
eCl@ss	27440114 Rectangular connector (for field assembly)



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Commercial data

ETIM	EC002636
UNSPSC 24.0	39121408