

RJ45 10G RJ45 plug Cat6, 8p IDC straight



Part number	09 45 151 1560
Specification	RJ45 10G RJ45 plug Cat6, 8p IDC straight
HARTING eCatalogue	https://b2b.harting.com/09451511560

Identification

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

Version

Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8

Technical characteristics

Conductor cross-section	0.1 ... 0.32 mm² solid and stranded
Conductor cross-section	AWG 27 ... AWG 22 solid and stranded
Wire outer diameter	≤1.6 mm
Limiting temperature	-40 ... +70 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP20
Cable diameter	4.5 ... 9 mm
Transmission characteristics	Cat. 6 Class E _A up to 500 MHz
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s



Pushing Performance

Technical characteristics

	10 Gbit/s
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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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

Specifications	IEC 60603-7 Mating face
	IEC 11801
	EN 50173-1
UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	20 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440101 Rectangular connectors (set)