



Pushing Performance
Since 1945

Han3A RJ45 10G Cat6 plug 8p IDC plastic



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

Part number	09 45 125 1560
Specification	Han3A RJ45 10G Cat6 plug 8p IDC plastic
HARTING eCatalogue	https://harting.com/09451251560

Identification

Category	Connectors
Series	RJ45
Series of hoods/housings	Han A [®]
Element	Cable connector
Type of hood/housing	Hood
Description of hood/housing	Straight
Features	Suitable for all PoE versions

Version

Termination method	IDC insulation displacement termination
Size	3 A
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Pack contents	Connector insert Hoods / Housings Cable gland Assembly instructions

Technical characteristics

Conductor cross-section (mm²)	0.1 ... 0.32 mm² Stranded 0.22 ... 0.32 mm² Solid
Conductor cross-section (AWG)	AWG 27/7 ... AWG 22/7 Stranded AWG 27/1 ... AWG 22/1 Solid
Wire outer diameter	1.06 mm
Transmission characteristics	Cat. 6 Class E _A up to 500 MHz



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Technical characteristics

Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Limiting temperature	-40 ... +70 °C
Storage temperature	+5 ... +50 °C
Degree of protection acc. to IEC 60529	IP65
	IP67
Cable diameter	5 ... 9 mm
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis
	7.9 m/s ² acc. to IEC 61373 Category 1 Class B
Shock resistance	5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

Material properties

Material (hood/housing)	Polycarbonate (PC)
Colour (hood/housing)	Black
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	Lead
	Nickel

Specifications and approvals

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



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Commercial data

Packaging size	1
Net weight	59 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140058903
eCl@ss	27440113 Rectangular connectors (set)
ETIM	EC002636
UNSPSC 24.0	39121408