

Han 3A RJ45 10G Cat6 plug insert, 8p IDC



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Part number	09 45 100 1560
Specification	Han 3A RJ45 10G Cat6 plug insert, 8p IDC
HARTING eCatalogue	https://harting.com/09451001560

Identification

Category	Connectors
Series	RJ45
Series of hoods/housings	Han A®
Element	Cable connector
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

Technical characteristics

Conductor cross-section	0.1 ... 0.32 mm ² Stranded 0.22 ... 0.32 mm ² Solid
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. 6 Class E _A up to 500 MHz

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
Cable diameter	6.5 ... 9.5 mm

Material properties

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

Commercial data

Packaging size	1
Net weight	37.89 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140058699
eCl@ss	27440205 Contact insert for industrial connectors

Commercial data

ETIM	EC000438
UNSPSC 24.0	39121522