



Pushing Performance
Since 1945

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



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

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
Element	Cable connector
Specification	RJ45
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 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	1.6 mm
Transmission characteristics	Cat. 6 Class E _A up to 500 MHz



Pushing Performance
Since 1945

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



Pushing Performance
Since 1945

Commercial data

ETIM	EC000438
UNSPSC 24.0	39121522