Product data sheet
09 45 100 1560
Han 3A RJ45 10G Cat6 plug insert, 8p IDC

HARTING ®

Pushing Performance

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://b2b.harting.com/09451001560

Identification

Category	Connectors
Series	RJ45
Element	Cable connector
Specification	RJ45

Version

Termination method	IDC termination
Size	Han® 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 27 ... AWG 22 Stranded AWG 24 ... AWG 22 Solid
Wire outer diameter	1.6 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 10 Gbit/s

Page 1 / 2 | Creation date 2021-10-01 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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Technical characteristics

Limiting temperature	-40 ... +70 °C
Cable diameter	6.5 ... 9.5 mm

Material properties

RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel
	Lead
	Antimony trioxide

Specifications and approvals

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

Commercial data

Packaging size	1
Net weight	41.5 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors

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