

Han3A RJ45 Hybrid GL Cat6A plug 8+4p pl.



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

Part number	09 45 125 1720
Specification	Han3A RJ45 Hybrid GL Cat6A plug 8+4p pl.
HARTING eCatalogue	https://harting.com/09451251720

Identification

Category	Connectors
Series	RJ45
Identification	Hybrid
Series of hoods/housings	Han A®
Element	Cable connector
Type of hood/housing	Hood
Description of hood/housing	Straight

Version

Termination method	Piercing termination
Size	3 A
Shielding	Fully shielded, 360° shielding contact
Number of contacts	12
Number of data contacts	8
Number of power contacts	4

Technical characteristics

Conductor cross-section	0.08 ... 0.22 mm² Data
	1.5 mm² Power
Conductor cross-section [AWG]	AWG 28 ... AWG 24 Data
	AWG 16 Power
Wire outer diameter	≤1.05 mm (Data)
	≤2.75 mm (Power)
Rated current (data)	1.76 A



Pushing Performance
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Technical characteristics

Rated voltage (data)	50 V AC
	60 V DC
Rated current (power)	16 A
Rated voltage (power)	48 V DC
Transmission characteristics	Cat. 6 _A 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
Limiting temperature	-40 ... +70 °C
Storage temperature	+5 ... +50 °C
Mating cycles	≥500
Cable diameter	6 ... 12 mm

Material properties

Material (hood/housing)	Polycarbonate (PC)
Colour (hood/housing)	Black
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
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	67.7 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140058910
eCl@ss	27440113 Rectangular connectors (set)
ETIM	EC002636
UNSPSC 24.0	39121408