

# Han3A RJ45 Hybrid GL Cat6A insert 8+4p



•	
Part number	09 45 100 1720
Specification	Han3A RJ45 Hybrid GL Cat6A insert 8+4p
HARTING eCatalogue	https://b2b.harting.com/09451001720

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

## Identification

Category	Connectors
Series	RJ45 Hybrid
Element	Cable connector

## Version

Size	Han <sup>®</sup> 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 28 AWG 24 Data AWG 16 Power
Wire outer diameter	1 mm
Rated voltage (Data)	50 V AC 60 V DC
Rated voltage (power)	48 V DC
Rated current (data)	1.76 A
Rated current (power)	16 A
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz

Page 1 / 2 | Creation date 2023-01-14 | 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. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



## **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
Mating cycles	≥500

## Material properties

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	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

## 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	10
Net weight	42.4 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140058712
eCl@ss	27440205 Contact insert for industrial connectors

Page 2 / 2 | Creation date 2023-01-14 | 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. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany