

# Han3A RJ45 Hybrid 10G Cat6 plug 8+4p IDC



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Part number	09 45 125 1760
Specification	Han3A RJ45 Hybrid 10G Cat6 plug 8+4p IDC
HARTING eCatalogue	https://b2b.harting.com/09451251760

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

## Identification

Category	Connectors
Series	RJ45 Hybrid
Element	Cable connector
Type of hood/housing	Hood
Description of hood/housing	Straight

# Version

Termination method	IDC termination
Size	Han <sup>®</sup> 3 A
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Number of data contacts	8
Number of power contacts	4
further contacts	4x 48 V

# **Technical characteristics**

Conductor cross-section	0.1 0.32 mm²
Conductor cross-section	AWG 27/7 AWG 22/7 Stranded AWG 27/1 AWG 22/1 Solid
Transmission characteristics	Cat. 6 Class E <sub>A</sub> up to 500 MHz

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# **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
Cable diameter	6 12 mm
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis 7.9 m/s² acc. to IEC 61373 Category 1 Class B
Shock resistance	5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B $$
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	Yes

 REACH SVHC substances
 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

 California Proposition 65 substances
 Yes

 California Proposition 65 substances
 Antimony trioxide

 Lead
 Lead

 Nickel
 Nickel

Naphthalene

### Specifications and approvals

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

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#### Commercial data

Packaging size	1
Net weight	56.4 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140058927
eCl@ss	27440113 Rectangular connectors (set)

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