

# HPP V4 RJ45 10G Cat6 plug 8p IDC



Part number	09 45 145 1560
Specification	HPP V4 RJ45 10G Cat6 plug 8p IDC
HARTING eCatalogue	https://b2b.harting.com/09451451560

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

#### Identification

Limiting temperature

Category	Connectors
Series	HARTING PushPull (V4)
Identification	RJ45
Element	Connector sets
Version	
Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Locking type	PushPull
Pack contents	incl. housing with RJ45 connector, shielding and cable gland
Technical characteristics	
Conductor cross-section	0.1 0.32 mm² Stranded
	0.22 0.32 mm <sup>2</sup> Solid
Conductor cross-section	AWG 27/7 AWG 22/7 Stranded AWG 24/1 AWG 22/1 Solid
Transmission characteristics	Cat. 6 Class E <sub>A</sub> up to 500 MHz
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s

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10 Gbit/s

-40 ... +70 °C



### Technical characteristics

Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	4.9 8.6 mm

## Material properties

Material (hood/housing)	Thermoplastic
Colour (hood/housing)	Black
Material flammability class acc. to UL 94	V-0
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	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Nickel Naphthalene
Requirement set with Hazard Levels	R26

### Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4) EN 45545-2
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

## Commercial data

Packaging size	1
Net weight	27 g
Country of origin	Romania
European customs tariff number	85389099
GTIN	5713140058996

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Commercial data

eCl@ss

27440114 Rectangular connector (for field assembly)

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