

## Han PP RJ45 10G met. plug set 45° bottom



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

Part number	09 35 225 0402
Specification	Han PP RJ45 10G met. plug set 45° bottom
HARTING eCatalogue	<a href="https://b2b.harting.com/09352250402">https://b2b.harting.com/09352250402</a>

### Identification

Category	Connectors
Series	Han® PushPull (V14)
Identification	RJ45
Element	Connector sets
Features	Intuitive locking mechanism field assembly without tools

### Version

Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Version	Bottom entry
Locking type	PushPull
Pack contents	incl. housing and male insert

### Technical characteristics

Conductor cross-section	0.1 ... 0.32 mm <sup>2</sup> Stranded 0.1 ... 0.32 mm <sup>2</sup> Solid
Conductor cross-section	AWG 27/7 ... AWG 22/7 Stranded AWG 27/1 ... AWG 22/1 Solid
Wire outer diameter	≤1.6 mm
Rated current	1.75 A
Rated voltage	50 V
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	≥750
Degree of protection acc. to IEC 60529	IP65
	IP67
Clamping range	6.5 ... 9.5 mm

## Material properties

Surface (contacts)	Au over Ni Mating side
	Sn over Ni Termination side
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Nickel plated
Material (O-ring)	NBR
Material (cable seal)	TPE
Material flammability class acc. to UL 94	V-0
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
	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
	Lead 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide
	Lead
	Nickel



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## Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14) IEC 60603-7 Mating face EN 45545-2
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL
PROFINET	Yes

## Commercial data

Packaging size	10
Net weight	90.1 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140054042
eCl@ss	27440114 Rectangular connector (for field assembly)