

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	https://harting.com/09352250402

Identification

Category	Connectors
Series	Han® PushPull (V14) RJ45
Element	Connector sets
Features	Intuitive locking mechanism Field assembly without tools Suitable for all PoE versions

Version

Termination method	IDC insulation displacement 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 mm² Stranded 0.1 ... 0.32 mm² Solid
Conductor cross-section [AWG]	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 EA up to 500 MHz

Technical characteristics

	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Data rate	
Limiting temperature	-40 ... +70 °C
Storage temperature	+5 ... +50 °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
REACH SVHC substances	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
ECHA SCIP number	d361ed36-dee0-4df8-9f2e-b62dd7563c1a
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

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)
ETIM	EC002636
UNSPSC 24.0	39121408