



Pushing Performance

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://b2b.harting.com/09352250402

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

Technical characteristics

Conductor cross-section	0.1 ... 0.32 mm ² Stranded
	0.1 ... 0.32 mm ² 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
Limiting temperature	-40 ... +70 °C



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Technical characteristics

Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Clamping range	6.5 ... 9.5 mm
Transmission characteristics	Cat. 6 Class E up to 250 MHz
Data rate	1 Gbit/s 10 Gbit/s

Material properties

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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14) IEC 60603-7 Mating face EN 45545-2 R22: HL1, HL2, HL3 EN 45545-2 R23: HL1, HL2, HL3
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	38.04 g

Product data sheet
09 35 225 0402
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Commercial data

Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440101 Rectangular connectors (set)



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