



Pushing Performance

## Han PP RJ45 10G metal plug set

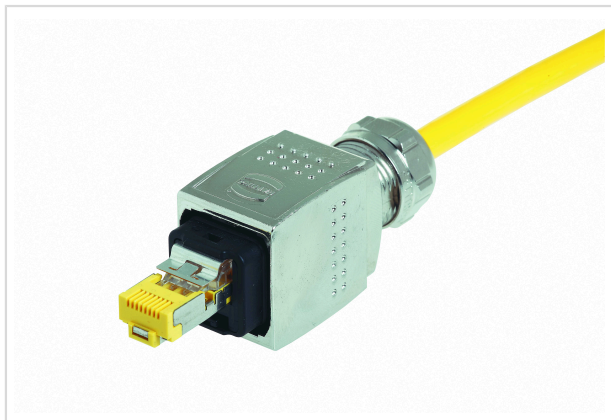


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Part number	09 35 225 0401
Specification	Han PP RJ45 10G metal plug set
HARTING eCatalogue	<a href="https://b2b.harting.com/09352250401">https://b2b.harting.com/09352250401</a>

### Identification

Category	Connectors
Series	Han <sup>®</sup> PushPull (V14)
Identification	RJ45
Element	Connector sets
Specification	AIDA compliant
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
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
Limiting temperature	-40 ... +70 °C



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## Technical characteristics

Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	4 ... 11 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	86.88 g



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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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