Product data sheet
09 35 225 0401
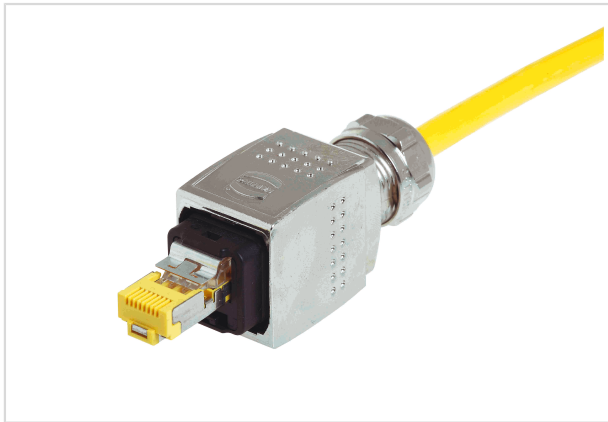Han PP RJ45 10G metal plug set

HARTING ®

Pushing Performance

Han PP RJ45 10G metal plug set

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

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

Identification

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

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 mm² Stranded 0.1 ... 0.32 mm² 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_A up to 500 MHz

Page 1 / 3 | Creation date 2021-03-26 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
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Technical characteristics

Data rate	1 Gbit/s
	10 Gbit/s
Limiting temperature	-40 ... +70 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65
	IP67
Cable diameter	4 ... 11 mm

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

Page 2 / 3 | Creation date 2021-03-26 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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Commercial data

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

Page 3 / 3 | Creation date 2021-03-26 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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