Pushing Performance
Since 1945

Han PushPull RJ45 10G plastic

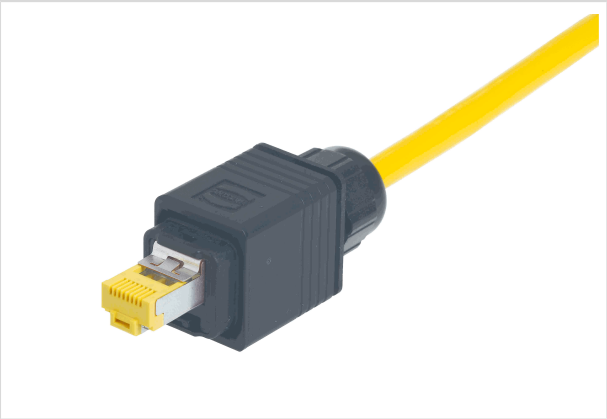


Image is for illustration purposes only. Please refer to product description.

Part number	09 35 228 0421
Specification	Han PushPull RJ45 10G plastic
HARTING eCatalogue	https://b2b.harting.com/09352280421

Identification

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

Version

Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
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 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

HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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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	5 ... 8 mm

Material properties

Surface (contacts)	Au over Ni Mating side Sn over Ni Termination side
Material (hood/housing)	Thermoplastic
Colour (hood/housing)	Black
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	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Lead Nickel Naphthalene

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Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14) IEC 60603-7 Mating face EN 45545-2
Approvals	DNV GL
PROFINET	Yes

Commercial data

Packaging size	10
Net weight	51.4 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440114 Rectangular connector (for field assembly)

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