

## PushPull V4 plug, RJ45, Cat.6A, 100pcs



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

Part number	09 45 145 1521 XL
Specification	PushPull V4 plug, RJ45, Cat.6A, 100pcs
HARTING eCatalogue	<a href="https://b2b.harting.com/09451451521XL">https://b2b.harting.com/09451451521XL</a>

### Identification

Category	Connectors
Series	HARTING PushPull (V4)
Identification	RJ45
Element	Connector sets

### Version

Termination method	Piercing termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Locking type	PushPull
Pack contents	incl. housing with RJ45 connector, shielding and cable gland

### Technical characteristics

Conductor cross-section	0.08 ... 0.22 mm <sup>2</sup>
Conductor cross-section	AWG 28/7 ... AWG 24/7 Stranded
Wire outer diameter	1 mm
Transmission characteristics	Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Tightening torque	1.3 ... 1.5 Nm
Limiting temperature	-40 ... +70 °C



Pushing Performance  
Since 1945

## Technical characteristics

Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	4.5 ... 10 mm
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis 5.72 m/s <sup>2</sup> acc. to IEC 61373 Category 1 Class B
Shock resistance	25 g / 11 ms, 3 shocks / axis and direction 5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

## Material properties

Material (hood/housing)	Thermoplastic
Colour (hood/housing)	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
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 Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel Naphthalene
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4) EN 45545-2
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

## Commercial data

Packaging size	100
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## Commercial data

Net weight	1 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140223738
eCl@ss	27440114 Rectangular connector (for field assembly)