

PushPull V4 plug, RJ45, Cat.6, IDC



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Part number	09 45 145 1561
Specification	PushPull V4 plug, RJ45, Cat.6, IDC
HARTING eCatalogue	https://b2b.harting.com/09451451561

Identification

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

Version

Termination method	IDC 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	0.1 ... 0.32 mm ² Stranded 0.22 ... 0.32 mm ² Solid
Conductor cross-section	AWG 27/7 ... AWG 22/7 Stranded AWG 24/1 ... AWG 22/1 Solid
Transmission characteristics	Cat. 6 Class E _A 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



Pushing Performance

Technical characteristics

Limiting temperature	-40 ... +70 °C
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/s² 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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Antimony trioxide Naphthalene

Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4) EN 45545-2 R26: HL1, HL2, HL3
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

Commercial data

Packaging size	10
Net weight	27 g



Pushing Performance

Commercial data

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

Mouser Electronics

Authorized Distributor

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