Pushing Performance
Since 1945

RJI RJ45 10G Cat.6, 8p jack IDC AWG28-24



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

Part number	09 45 545 1561
Specification	RJI RJ45 10G Cat.6, 8p jack IDC AWG28-24
HARTING eCatalogue	https://harting.com/09455451561

Identification

Category	Connectors
Series	HARTING RJ Industrial® RJ45
Element	Female
Specification	HIFF version

Version

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

Technical characteristics

Conductor cross-section (mm²)	0.08 ... 0.22 mm² solid and stranded
Conductor cross-section (AWG)	AWG 28 ... AWG 24
Wire outer diameter	1.2 mm
Rated current	1.76 A
Rated voltage	50 V AC 60 V DC
Transmission characteristics	Cat. 6_A 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

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Technical characteristics

Limiting temperature	-40 ... +70 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP20
Cable diameter	5 ... 9 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	5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	White Yellow
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Nickel plated
Material flammability class acc. to UL 94	V-2
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Not contained

Specifications and approvals

UL / CSA	UL 1863 DUXR2.E470046 CSA-C22.2 No. 182.4, No. 233-09 DUXR8.E470046
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	27.4 g
Country of origin	Latvia
European customs tariff number	85366990
GTIN	5713140061378
eCl@ss	27440205 Contact insert for industrial connectors

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ETIM	EC000438
UNSPSC 24.0	39121522

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