

RJI RJ45 GL Compact plug Cat.6A, 8p 100



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

Part number	09 45 151 1525
Specification	RJI RJ45 GL Compact plug Cat.6A, 8p 100
HARTING eCatalogue	https://harting.com/09451511525

Identification

Category	Connectors
Series	HARTING RJ Industrial® RJ45
Element	Cable connector
Specification	Compact version

Version

Termination method	Piercing termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Pack contents	Packaging with 100 sets

Technical characteristics

Conductor cross-section (mm ²)	0.08 ... 0.22 mm ² Stranded
Conductor cross-section (AWG)	AWG 28 ... AWG 24 Stranded
Wire outer diameter	1.05 mm
Rated current	1.5 A
Rated voltage	150 V AC
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



Pushing Performance
Since 1945

Technical characteristics

Insulation resistance	>1000 MΩ
Contact resistance	≤20 mΩ
Limiting temperature	-40 ... +70 °C
Relative humidity	95 % Non-condensing (operation)
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP20
Cable diameter	4.5 ... 6.5 mm
Test voltage U _{DC}	1 kV (contact-contact) 1 kV (contact-ground)
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis 5.72 m/s ² 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 (hood/housing)	Polycarbonate (PC)
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	Not contained
California Proposition 65 substances	Not contained

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	564 g
Country of origin	Germany
European customs tariff number	85366990



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Commercial data

GTIN	5713140059436
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408
