

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



Part number	09 45 545 1561
Specification	RJI RJ45 10G Cat.6, 8p jack IDC AWG28-24
HARTING eCatalogue	https://b2b.harting.com/09455451561

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

Identification

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

Version

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

Technical characteristics

Conductor cross-section	0.08 0.22 mm ² solid and stranded
Conductor cross-section	AWG 28 AWG 24
Wire outer diameter	1.2 mm
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
Limiting temperature	-40 +70 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP20

Page 1 / 2 | Creation date 2022-01-08 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

Cable diameter	5 9 mm
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

Specifications and approvals

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

Commercial data

Packaging size	1
Net weight	29 g
Country of origin	Latvia
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors

Page 2 / 2 | Creation date 2022-01-08 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com