



Pushing Performance  
Since 1945

# RJ45 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	RJ45 RJ45 GL Compact plug Cat.6A, 8p 100
HARTING eCatalogue	<a href="https://b2b.harting.com/09451511525">https://b2b.harting.com/09451511525</a>

## Identification

Category	Connectors
Series	HARTING RJ Industrial®
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	0.08 ... 0.22 mm² Stranded
Conductor cross-section	AWG 28 ... AWG 24 Stranded
Wire outer diameter	1.05 mm
Transmission characteristics	Cat. 6A 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
Limiting temperature	-40 ... +70 °C
Relative humidity	95 % Non-condensing (operation)
Mating cycles	≥750



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## Technical characteristics

Degree of protection acc. to IEC 60529	IP20
Cable diameter	4.5 ... 6.5 mm

## 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

## 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
GTIN	5713140059436
ETIM	EC002636
eCl@ss	27440114 Rectangular connector (for field assembly)