



Pushing Performance  
Since 1945

# RJ45 Keystone Cat.6, 8p IDC AWG28-24



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

Part number	09 45 545 1563
Specification	RJ45 Keystone Cat.6, 8p IDC AWG28-24
HARTING eCatalogue	<a href="https://b2b.harting.com/09455451563">https://b2b.harting.com/09455451563</a>

## Identification

Category	Connectors
Series	HARTING RJ Industrial®
Element	Female
Specification	RJ45

## Version

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

## Technical characteristics

Conductor cross-section	0.08 ... 0.22 mm² solid and stranded
Conductor cross-section	AWG 28 ... AWG 24
Wire outer diameter	1.7 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
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP20



**Pushing Performance**  
Since 1945

## 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	30.36 g
Country of origin	Latvia
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors