

## RJ45 Keystone Cat.6, 8p IDC AWG24-22



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Part number	09 45 545 1564
Specification	RJ45 Keystone Cat.6, 8p IDC AWG24-22
HARTING eCatalogue	<a href="https://b2b.harting.com/09455451564">https://b2b.harting.com/09455451564</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	0.22 ... 0.32 mm <sup>2</sup> solid and stranded
Conductor cross-section	AWG 24 ... AWG 22
Wire outer diameter	1.2 mm
Transmission characteristics	Cat. 6 <sub>A</sub> 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

## Technical characteristics

Cable diameter	5 ... 9 mm
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## 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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

## Specifications and approvals

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

## Commercial data

Packaging size	1
Net weight	30.2 g
Country of origin	Latvia
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors

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