

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



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

| | |
|--------------------|---|
| Part number | 09 45 545 1564 |
| Specification | RJ45 Keystone Cat.6, 8p IDC AWG24-22 |
| HARTING eCatalogue | https://b2b.harting.com/09455451564 |

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

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|--|--|
| Conductor cross-section | 0.22 ... 0.32 mm ² solid and stranded |
| Conductor cross-section | AWG 24 ... AWG 22 |
| 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 10 Gbit/s |
| Limiting temperature | -40 ... +70 °C |
| Mating cycles | ≥750 |
| Degree of protection acc. to IEC 60529 | IP20 |



Pushing Performance

Technical characteristics

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|----------------|------------|
| Cable diameter | 5 ... 9 mm |
|----------------|------------|

Material properties

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|---|--------------------|
| 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 |