

Han 3A RJ45 10G Cat6 plug insert, 8p IDC



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

| | |
|--------------------|---|
| Part number | 09 45 100 1560 |
| Specification | Han 3A RJ45 10G Cat6 plug insert, 8p IDC |
| HARTING eCatalogue | https://b2b.harting.com/09451001560 |

Identification

| | |
|---------------|-------------------------------|
| Category | Connectors |
| Series | RJ45 |
| Element | Cable connector |
| Specification | RJ45 |
| Features | Suitable for all PoE versions |

Version

| | |
|--------------------|--|
| Termination method | IDC termination |
| Size | 3 A |
| Shielding | Fully shielded, 360° shielding contact |
| Number of contacts | 8 |
| Pack contents | Connector insert |

Technical characteristics

| | |
|-------------------------------|---|
| Conductor cross-section | 0.1 ... 0.32 mm ² Stranded |
| | 0.22 ... 0.32 mm ² Solid |
| Conductor cross-section [AWG] | AWG 27/7 ... AWG 22/7 Stranded |
| | AWG 27/1 ... AWG 22/1 Solid |
| Wire outer diameter | 1.6 mm |
| Transmission characteristics | Cat. 6 Class E _A up to 500 MHz |



Pushing Performance
Since 1945

Technical characteristics

| | |
|----------------------|----------------|
| 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 |
| Cable diameter | 6.5 ... 9.5 mm |

Material properties

| | |
|--------------------------------------|--|
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Antimony trioxide Lead Nickel |

Specifications and approvals

| | |
|-----------|--|
| UL / CSA | UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 |
| Approvals | DNV GL |
| PROFINET | Yes |

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 32.38 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140058699 |
| ETIM | EC000438 |
| eCl@ss | 27440205 Contact insert for industrial connectors |