

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

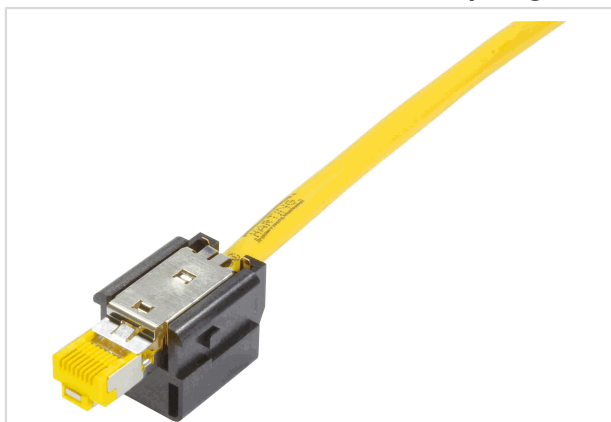


Image is for illustration purposes only. Please refer to product description.

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

### Identification

|               |                 |
|---------------|-----------------|
| Category      | Connectors      |
| Series        | RJ45            |
| Element       | Cable connector |
| Specification | RJ45            |

### Version

|                    |  |
|--------------------|--|
| Termination method | IDC termination                        |
| Size               | Han <sup>®</sup> 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 <sup>2</sup> Stranded     |
|                              | 0.22 ... 0.32 mm <sup>2</sup> Solid       |
| Conductor cross-section      | 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 <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                                 |



Pushing Performance  
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## Technical characteristics

|                      |                |
|----------------------|----------------|
| 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                | Not contained     |
| California Proposition 65 substances | Yes               |
| California Proposition 65 substances | Antimony trioxide |
| California Proposition 65 substances | Lead              |
| California Proposition 65 substances | Nickel            |

## Specifications and approvals

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

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 31.46 g   |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140058699                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |