

## HPP V4 RJ45 10G Cat6 plug 8p IDC 100pcs.



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

|                    |   |
|--------------------|---|
| Part number        | 09 45 145 1560 XL   |
| Specification      | HPP V4 RJ45 10G Cat6 plug 8p IDC 100pcs.  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09451451560XL">https://b2b.harting.com/09451451560XL</a> |

### Identification

|                |                       |
|----------------|-----------------------|
| Category       | Connectors            |
| Series         | HARTING PushPull (V4) |
| Identification | RJ45                  |
| Element        | Connector sets        |

### Version

|                    |  |
|--------------------|--|
| Termination method | IDC termination  |
| Shielding          | Fully shielded, 360° shielding contact                                     |
| Number of contacts | 8  |
| Locking type       | PushPull   |
| Pack contents      | incl. housing with RJ45 connector, shielding and cable gland<br>100 pieces |

### 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 24/1 ... AWG 22/1 Solid               |
| 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                                  |
| Limiting temperature         | 10 Gbit/s                                 |
|                              | -40 ... +70 °C                            |



Pushing Performance  
Since 1945

## Technical characteristics

|  |                |
|--|----------------|
| Mating cycles                          | ≥750           |
| Degree of protection acc. to IEC 60529 | IP65<br>IP67   |
| Cable diameter                         | 4.9 ... 8.6 mm |

## Material properties

|   |   |
|---|---|
| Material (hood/housing)                   | Thermoplastic   |
| Colour (hood/housing)                     | Black   |
| Material flammability class acc. to UL 94 | V-0   |
| 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                     | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate |
| California Proposition 65 substances      | Yes   |
| California Proposition 65 substances      | Antimony trioxide<br>Nickel<br>Naphthalene                |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 61076-3-106 Variant 4 (V4)<br>EN 45545-2 |
| Approvals      | DNV GL                                       |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 100   |
| Net weight                     | 30.74 g   |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140059009                                       |
| ETIM                           | EC002636  |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |