

## HPP V4 RJ45 10G Cat6 plug 8p IDC

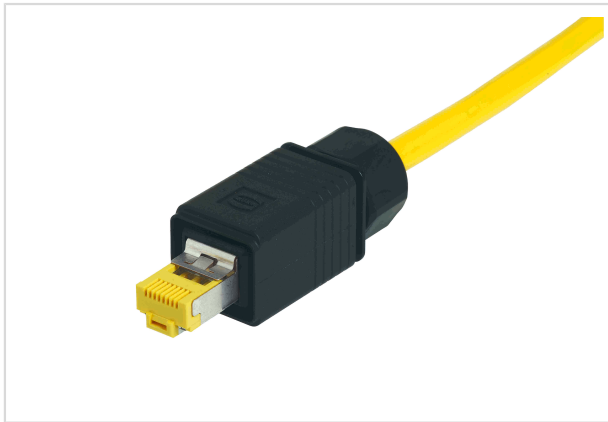


Image is for illustration purposes only. Please refer to product description.

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

### Technical characteristics

|                              |  |
|------------------------------|--|
| Conductor cross-section      | 0.1 ... 0.32 mm <sup>2</sup> Stranded<br>0.22 ... 0.32 mm <sup>2</sup> Solid |
| Conductor cross-section      | AWG 27/7 ... AWG 22/7 Stranded<br>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<br>100 Mbit/s<br>1 Gbit/s<br>2.5 Gbit/s<br>5 Gbit/s<br>10 Gbit/s   |
| Limiting temperature         | -40 ... +70 °C   |



## 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               | No  |
| REACH ANNEX XIV substances                | No  |
| 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      | Nickel<br>Antimony trioxide<br>Naphthalene                |

## Specifications and approvals

|                |   |
|----------------|---|
| Specifications | IEC 61076-3-106 Variant 4 (V4)<br>EN 45545-2 R26: HL1, HL2, HL3 |
| Approvals      | DNV GL  |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079      |

## Commercial data

|                                |                                       |
|--------------------------------|---------------------------------------|
| Packaging size                 | 1                                     |
| Net weight                     | 27 g                                  |
| Country of origin              | Romania                               |
| European customs tariff number | 85389099                              |
| eCl@ss                         | 27440101 Rectangular connectors (set) |

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