Pushing Performance
Since 1945

# HPP V4 RJ45 10G plug Cat6 8p, metal

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

| | |
|---|---|
| Part number | 09 45 195 1560 |
| Specification | HPP V4 RJ45 10G plug Cat6 8p, metal |
| HARTING eCatalogue | https://harting.com/09451951560 |

## Identification

| | |
|---|---|
| Category | Connectors |
| Series | HARTING PushPull (V4)<br>RJ45 |
| Element | Connector sets |
| Features | Suitable for all PoE versions |

## Version

| | |
|---|---|
| Termination method | IDC insulation displacement 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 mm² Stranded<br>0.22 ... 0.32 mm² Solid |
| Conductor cross-section [AWG] | AWG 27/7 ... AWG 22/7 Stranded<br>AWG 27/1 ... AWG 22/1 Solid |
| Transmission characteristics | Cat. 6 Class $E_A$ 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 |


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## Technical characteristics

| | |
|---|---|
| Storage temperature | +5 ... +50 °C |
| Mating cycles | ≥750 |
| Degree of protection acc. to IEC 60529 | IP65 |
| Cable diameter | 4.9 ... 8.6 mm |

## Material properties

| | |
|---|---|
| Material (hood/housing) | Zinc die-cast |
| Colour (hood/housing) | silver |
| 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<br>Lead |
| ECHA SCIP number | 2d63e3a4-7abb-4e67-bb13-55bff2df44a0 |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Nickel |

## Specifications and approvals

| | |
|---|---|
| Specifications | IEC 61076-3-106 Variant 4 (V4) |
| UL / CSA | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |
| Approvals | DNV GL |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 91 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140059504 |
| eCl@ss | 27440114 Rectangular connector (for field assembly) |
| ETIM | EC002636 |


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## Commercial data

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| UNSPSC 24.0 | 39121408 |


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