

## HanPP V14 RJ45 GL Cat6A plug 8p

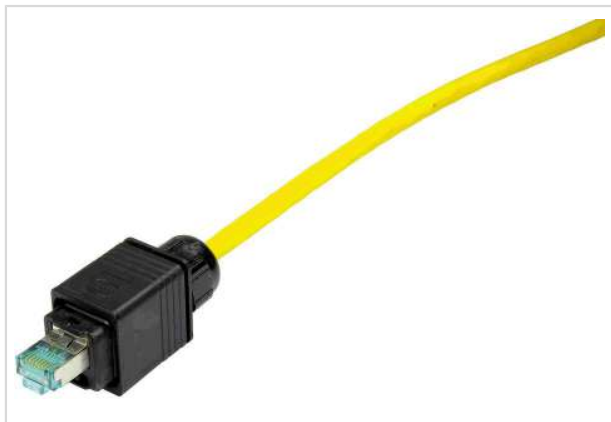


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 35 227 0421  |
| Specification      | HanPP V14 RJ45 GL Cat6A plug 8p   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09352270421">https://b2b.harting.com/09352270421</a> |

### Identification

|                |                                 |
|----------------|---------------------------------|
| Category       | Connectors                      |
| Series         | Han <sup>®</sup> PushPull (V14) |
| Identification | RJ45                            |
| Element        | Connector sets                  |
| Features       | Intuitive locking mechanism     |

### Version

|                    |  |
|--------------------|--|
| Termination method | Piercing termination                   |
| Shielding          | Fully shielded, 360° shielding contact |
| Number of contacts | 8                                      |
| Locking type       | PushPull                               |
| Pack contents      | incl. housing and male insert          |

### Technical characteristics

|                              |  |
|------------------------------|--|
| Conductor cross-section      | 0.1 ... 0.22 mm <sup>2</sup> Stranded<br>0.26 ... 0.32 mm <sup>2</sup> Solid |
| Conductor cross-section      | AWG 28/7 ... AWG 24/7 Stranded   |
| Wire outer diameter          | ≤1.05 mm   |
| Rated current                | 1.75 A   |
| Rated voltage                | 50 V   |
| Transmission characteristics | Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz                       |



Pushing Performance  
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## 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 |
| Mating cycles                          | ≥750           |
| Degree of protection acc. to IEC 60529 | IP65           |
|  | IP67           |
| Clamping range                         | 6.5 ... 9.5 mm |

## Material properties

|   |   |
|---|---|
| Surface (contacts)                        | Au over Ni Mating side                                    |
|   | Sn over Ni Termination side                               |
| Material (hood/housing)                   | Thermoplastic   |
| Colour (hood/housing)                     | Black   |
| Material (O-ring)                         | NBR   |
| Material (cable seal)                     | TPE   |
| Material flammability class acc. to UL 94 | V-0   |
| RoHS                                      | compliant with exemption                                  |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight    |
| ELV status                                | compliant with exemption                                  |
| China RoHS                                | 50  |
| REACH Annex XVII substances               | Not contained   |
| REACH ANNEX XIV substances                | Not contained   |
| REACH SVHC substances                     | Yes   |
| REACH SVHC substances                     | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol              |
|   | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate |
|   | Lead  |
| California Proposition 65 substances      | Yes   |
| California Proposition 65 substances      | Lead  |
|   | Nickel  |
|   | Naphthalene   |



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## Specifications and approvals

|                |   |
|----------------|---|
| Specifications | IEC 61076-3-117 Variant 14 (V14)<br>IEC 60603-7 Mating face<br>EN 45545-2 |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079                |
| Approvals      | DNV GL  |
| PROFINET       | Yes   |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 10  |
| Net weight                     | 22.14 g   |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140054127                                       |
| eCl@ss                         | 27440114 Rectangular connector (for field assembly) |