

## HanPP V14 RJ45 GL Cat6A plug 8p

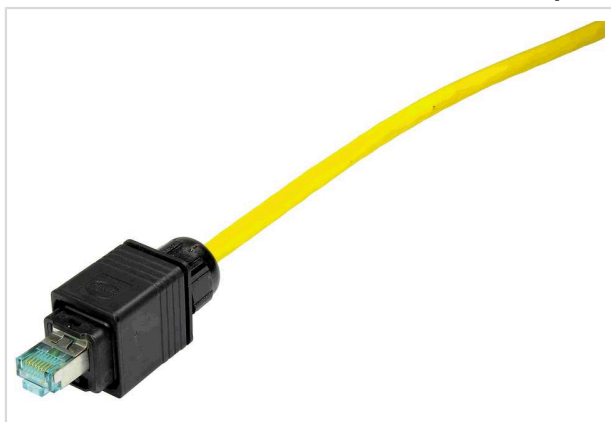


Image is for illustration purposes only. Please refer to product description.

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

### Identification

|                |                             |
|----------------|-----------------------------|
| Category       | Connectors                  |
| Series         | Han® 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 mm² Stranded<br>0.26 ... 0.32 mm² Solid   |
| Conductor cross-section [AWG] | 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 |



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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                     | Not contained                                          |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead                                                   |
|                                           | Nickel                                                 |

## Specifications and approvals

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



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Specifications and approvals

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) |
| ETIM                           | EC002636                                            |
| UNSPSC 24.0                    | 39121408                                            |