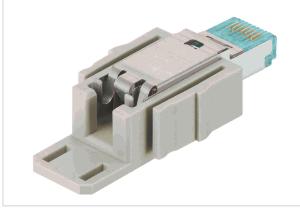


# Han-Modular RJ45 GL Cat6A plug 8p



| Part number        | 09 45 400 1520                      |
|--------------------|-------------------------------------|
| Specification      | Han-Modular RJ45 GL Cat6A plug 8p   |
| HARTING eCatalogue | https://b2b.harting.com/09454001520 |

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

### Identification

| Category      | Inserts                                   |
|---------------|---|
| Element       | Data connectors                           |
| Specification | RJ Industrial RJ45 Gigalink connector set |
|               |   |

### Version

| Termination method | Piercing termination                   |
|--------------------|--|
| Gender             | Male                                   |
| Shielding          | Fully shielded, 360° shielding contact |
| Number of contacts | 8                                      |

# **Technical characteristics**

| Conductor cross-section      | AWG 28 AWG 24  |
|------------------------------|--|
| Wire outer diameter          | 1 mm   |
| Transmission characteristics | Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz |
| Data rate                    | 10 Mbit/s100 Mbit/s1 Gbit/s2.5 Gbit/s5 Gbit/s10 Gbit/s |
| Limiting temperature         | -40 +70 °C   |
| Mating cycles                | ≥500   |

## Material properties

Material (insert)

Polycarbonate (PC)

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### Material properties

| Colour (insert)                           | RAL 7032 (pebble grey)                                    |
|---|---|
| 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>Lead  |

# Specifications and approvals

|                | EN 60664-1                        |
|----------------|-----------------------------------|
|                | IEC 61984                         |
| Specifications | IEC 60603-7                       |
|                | EN 45545-2 R22: HL1, HL2, HL3     |
|                | EN 45545-2 R23: HL1, HL2, HL3     |
| Approvals      | DNV GL                            |
| UL / CSA       | UL 1977 ECBT2.E102079             |
|                | CSA-C22.2 No. 182.3 ECBT8.E102079 |

## Commercial data

| Packaging size                 | 1  |
|--------------------------------|--|
| Net weight                     | 33 g   |
| Country of origin              | Romania  |
| European customs tariff number | 85366990   |
| eCl@ss                         | 27440218 Module for industrial connectors (data) |

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