

**RJ45 0° / RJ45 0° ETHERNET**

PUR 2x2x0.34 shielded green UL,CSA+dragchain 1.5m

Ethernet CAT5

Male straight – male straight

RJ45 – RJ45, 8/4-pole

shielded

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

**[Link to Product](#)****Illustration**

Product may differ from Image

**More Info**

EtherNet/IP



**Form**

Form 99711

**General data**

Temperature range -20...+60 °C, depending on cable quality

**Cables**

|                            |                                     |
|----------------------------|-------------------------------------|
| No./diameter of wires      | 2x 2x 0.34 mm <sup>2</sup>          |
| Wire isolation             | PE (wh, ye, bl, or)                 |
| C-track properties         | 3 Mio.                              |
| Jacket Color               | green                               |
| Material (jacket)          | PUR (UL/CSA)                        |
| Outer Ø                    | 6.7 mm ±5%                          |
| Bend radius (moving)       | 12x outer Ø                         |
| Temperature range (fixed)  | -40...+80 °C                        |
| Temperature range (mobile) | -30...+70 °C                        |
| Cable identification       | 796                                 |
| Approval (cable)           | UL (AWM-Style 20233/11602), CSA; CE |
| Cable weight [g/m]         | 69,3                                |
| Material (wire)            | Cu wire, bare                       |
| Resistor (core)            | max. 55 Ω/km (20 °C)                |
| Diameter (core)            | 2x 2x AWG22                         |
| Material (wire isolation)  | PE                                  |
| Wire-Ø incl. isolation     | 1.4 mm ±5%                          |
| Color/numbering of wires   | wh, ye, bl, or                      |
| Shield                     | yes                                 |
|                            | min. 85%                            |

|                                 |  |
|---------------------------------|--|
| Material (jacket)               | PUR  |
| Outer-Ø (jacket)                | 6.7 mm ±5%   |
| Color (jacket)                  | green  |
| thermal resistance              | flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2 |
| Nominal voltage                 | 300 V  |
| Temperature range (fixed)       | -40...+80 °C   |
| Temperature range (mobile)      | -30...+70 °C   |
| Bend radius (fixed)             | 5× outer Ø   |
| Bend radius (moving)            | 12× outer Ø  |
| No. of bending cycles (C-track) | max. 3 Mio. (25 °C)  |
| Traversing distance (C-track)   | max. 5 m (horizontal)  |
| Travel speed (C-track)          | max. 3.3 m/s   |
| Acceleration (C-track)          | max. 2 m/s <sup>2</sup>  |

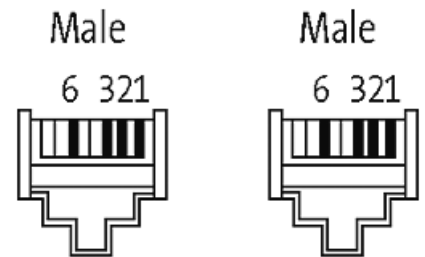
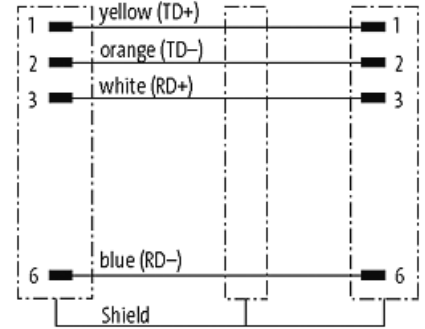
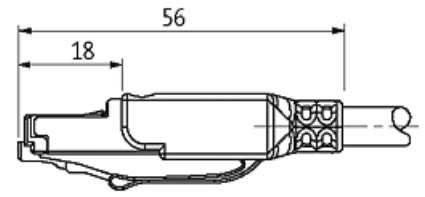
#### Technical Data

|                               |  |
|-------------------------------|--|
| Operating voltage             | max. 60 V DC                                     |
| Operating current per contact | max. 2 A   |
| Transfer parameters           | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate                 | up to 100 Mbit/s full duplex                     |
| Protection                    | IP20   |

#### Commercial data

|                       |               |
|-----------------------|---------------|
| country of origin     | RO            |
| customs tariff number | 85444210      |
| EAN                   | 4048879113496 |
| eClass                | 27061801      |
| Packaging unit        | 1             |

#### Sketch



Product may differ from Image