

**RJ45 male 0° shielded with cable, Ethernet**

PUR 2x2xAWG22 shielded gn UL/CSA+drag chain 1m

Ethernet CAT5e

Male straight

RJ45, 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.

Cable is approved for 600 V

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

Product may differ from Image

**Approvals**

\* only for products with UL/CSA approved cable

**More Info**

EtherNet/IP

EtherCAT

PROFI  
NET

**Form**

Form 74101

**General data**

|                   |                                          |
|-------------------|------------------------------------------|
| Pollution Degree  | 3                                        |
| Temperature range | -25...+85 °C, depending on cable quality |

**Cables**

|                            |                                     |
|----------------------------|-------------------------------------|
| No./diameter of wires      | 2 × 2 × 0.34 mm <sup>2</sup>        |
| Wire isolation             | PE (wh, ye, bl, or)                 |
| C-track properties         | 2 Mio.                              |
| Material (jacket)          | PUR (UL/CSA)                        |
| Outer Ø                    | 7.4 mm ±5%                          |
| Bend radius (moving)       | 12 × outer Ø                        |
| Temperature range (fixed)  | -40...+80 °C                        |
| Temperature range (mobile) | -30...+70 °C                        |
| Cable identification       | 659                                 |
| Approval (cable)           | UL (AWM-Style 20234/10988), CSA; CE |
| Cable weight [g/m]         | 89,10                               |
| Material (wire)            | Cu wire, bare                       |

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Resistor (core)                 | max. 55 $\Omega$ /km (20 °C)                   |
| Diameter (core)                 | 2× 2× 0.34 mm <sup>2</sup>                     |
| AWG                             | similar to AWG 22                              |
| 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)                | 7.4 mm ±5%                                     |
| Color (jacket)                  | green                                          |
| chemical resistance             | good resistance to oil, gasoline and chemicals |
| thermal resistance              | flame retardant                                |
| Nominal voltage                 | 600 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. 2 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>                        |
| Jacket Color                    | green                                          |

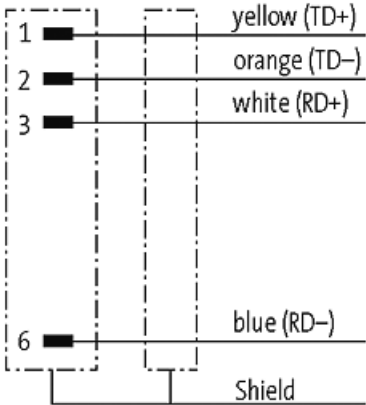
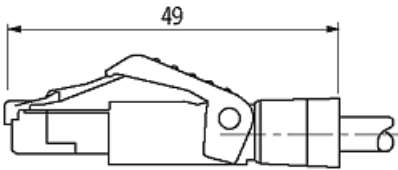
**Technical Data**

|                                           |                                                  |
|-------------------------------------------|--------------------------------------------------|
| Operating voltage                         | max. 60 V DC                                     |
| Operating voltage (only UL listed)        | max. 30 V DC                                     |
| Rated surge voltage                       | 1.0 kV                                           |
| Operating current per contact             | max. 1.5 A (20 °C)                               |
| Material group                            | IEC 60664-1, category I                          |
| Transfer parameters                       | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate                             | up to 100 Mbit/s full duplex                     |
| Locking of ports                          | Standard                                         |
| Protection                                | IP20 inserted and tightened (EN 60529)           |
| Material                                  | PUR                                              |
| suitable for corrugated tube (internal Ø) | without                                          |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444210      |
| EAN                   | 4048879812245 |
| eClass                | 27061801      |
| Packaging unit        | 1             |

**Sketch**



Male



Product may differ from Image