

**RJ45 male 0° / RJ45 male 0° shielded Ethernet**

PUR 2x2xAWG22 shielded gn UL/CSA 33m

Ethernet CAT5

Male straight – male straight

RJ45 – 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.

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

Product may differ from Image

**Approvals**

\* only for products with UL/CSA approved cable

**More Info**

EtherNet/IP

**Form**

Form 74301

**General data**

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

**Cables**

|                            |                                     |
|----------------------------|-------------------------------------|
| No./diameter of wires      | 2 × 2 × AWG22/7 (0.355)             |
| Wire isolation             | PE (wh, ye, bl, or)                 |
| Jacket Color               | green                               |
| Material (jacket)          | PUR (UL/CSA)                        |
| Outer Ø                    | 6.7 mm ±5%                          |
| Bend radius (moving)       | 12 × outer Ø                        |
| Temperature range (fixed)  | -40...+80 °C                        |
| Temperature range (mobile) | -30...+70 °C                        |
| Cable identification       | 794                                 |
| Approval (cable)           | UL (AWM-Style 20233/10578), CSA; CE |
| Cable weight [g/m]         | 75,87                               |
| Material (wire)            | Cu wire, bare                       |

|                            |                                                |
|----------------------------|------------------------------------------------|
| Resistor (core)            | max. 55 $\Omega$ /km (20 °C)                   |
| Construction (core)        | 7 × 0.254 mm                                   |
| Diameter (core)            | 2 × 2 × AWG22/7 (0.355)                        |
| AWG                        | similar to AWG 22                              |
| Material (wire isolation)  | PE                                             |
| Wire-Ø incl. isolation     | 1.55 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                                          |
| chemical resistance        | good resistance to oil, gasoline and chemicals |
| thermal resistance         | flame retardant                                |
| Nominal voltage            | 300 V                                          |
| Temperature range (fixed)  | -40...+80 °C                                   |
| Temperature range (mobile) | -30...+70 °C                                   |
| Bend radius (fixed)        | 6 × outer Ø                                    |
| Bend radius (moving)       | 12 × outer Ø                                   |

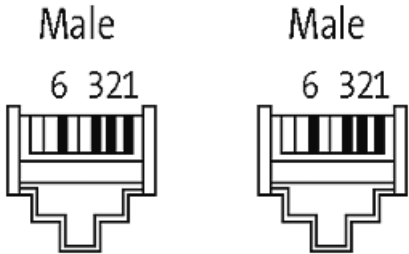
**Technical Data**

|                                           |                                                   |
|-------------------------------------------|---------------------------------------------------|
| 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                           |
| No. of poles                              | 4                                                 |
| Transfer parameters                       | CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate                             | up to 100 Mbit/s full duplex                      |
| LED display                               | no                                                |
| Locking of ports                          | Snap-in connector                                 |
| Protection                                | IP20                                              |
| Locking material                          | PA                                                |
| Material                                  | PUR                                               |
| suitable for corrugated tube (internal Ø) | without                                           |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | DE            |
| customs tariff number | 85444210      |
| EAN                   | 4048879620048 |
| eClass                | 27061801      |
| Packaging unit        | 1             |

**Sketch**



Product may differ from Image