

**RJ45 male 0°/RJ45 male 0° Professio.-Line Gigabit**

PUR 4x2xAWG26 shielded gn UL/CSA 17m

Ethernet

Male straight – male straight

RJ45 – RJ45, 8-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**

Male



Male



Product may differ from Image

**Form**

Form 74311

**Technical Data**

|                               |   |
|-------------------------------|---|
| Operating voltage             | max. 60 V DC                                      |
| Rated surge voltage           | 1.0 kV  |
| Operating current per contact | max. 1.76 A                                       |
| Transfer parameters           | CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate                 | 10 Gbit/s   |
| Material group                | IEC 60664-1, category I                           |
| LED display                   | no  |
| Locking of ports              | Snap-in connector                                 |

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

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|   |  |
|---|--|
| Protection                                | IP20 inserted and tightened (EN 60529) |
| Material                                  | PUR                                    |
| Locking material                          | PA                                     |
| suitable for corrugated tube (internal Ø) | without                                |

**General data**

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

**Cables**

|                            |   |
|----------------------------|---|
| Cable identification       | 790   |
| Approval (cable)           | cURus (AWM-Style 20549/11635); CE conform                                   |
| Cable weight [g/m]         | 52,8 g  |
| Material (wire)            | Cu wire, bare   |
| Resistor (core)            | max. 143 Ω/km (20 °C)   |
| Single wire Ø (core)       | 0.16 mm   |
| Diameter (core)            | 4 × 2 × AWG26/7   |
| Material (wire isolation)  | PE  |
| Wire-Ø incl. isolation     | 1.05 mm ±5%   |
| Color/numbering of wires   | (WH, OR), (WH, BU), (WH, BN), (WH, GN)                                      |
| Shield                     | yes   |
| optical shield cover       | approx. 65%   |
| Material (jacket)          | PUR   |
| Outer-Ø (jacket)           | 6.4 mm ±5%  |
| Color (jacket)             | green   |
| chemical resistance        | Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std. |
| Nominal voltage            | 125 V AC  |
| Test voltage               | 1500 V (wire/wire); 1000 V (wire/shield)                                    |
| Temperature range (fixed)  | -40...+80 °C  |
| Temperature range (mobile) | -30...+70 °C  |
| Bend radius (fixed)        | 8 × outer Ø   |
| Bend radius (moving)       | 10 × outer Ø  |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | HU            |
| customs tariff number | 85444210      |
| EAN                   | 4048879695312 |
| eClass                | 27061801      |
| Packaging unit        | 1.000         |