

RJ45 male 0° / RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA+robot 1.7m

Ethernet CAT5

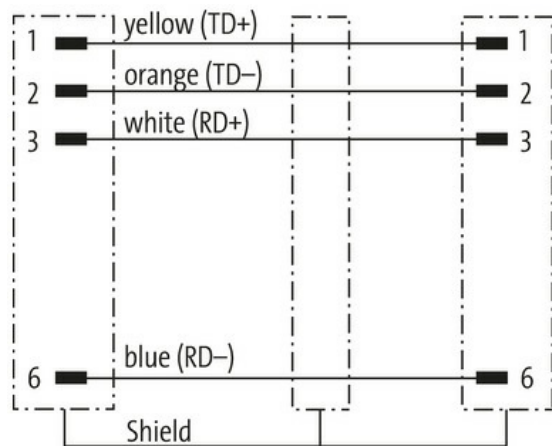
Male straight – male straight

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**

Male

6 321

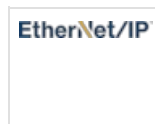


Male

6 321



Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form

74301

| 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) |
| 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 |
| Material group | IEC 60664-1, category I |
| LED display | no |
| Locking of ports | Snap-in connector |
| Protection | IP20 |
| 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 | 793 |
| Approval (cable) | cURus (AWM style 20549/10578); CE compliant |
| Cable weight [g/m] | 69,3 g |
| Material (wire) | Cu wire, tin plated |
| Resistor (core) | max. 60 Ω/km (20 °C) |
| Single wire Ø (core) | 0.16 mm |
| Construction (core) | 19× 0.160 mm |
| Diameter (core) | 1× 4× AWG22/19 |
| Material (wire isolation) | PE |
| Wire-Ø incl. isolation | 1.6 mm ±5% |
| Color/numbering of wires | wh, ye, bl, or |
| Shield | yes |
| optical shield cover | min. 85% |
| Material (jacket) | PUR |
| Outer-Ø (jacket) | 6.6 mm ±5% |
| Color (jacket) | green |
| chemical resistance | Oil resistance IEC 60811-2-1, ASTM Öle 1, ICEA S-82-552 Std. |
| thermal resistance | flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std. |
| Nominal voltage | 300 V |
| Test voltage | 2000 V AC (test duration 1 min) |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -20...+60 °C |
| Bend radius (fixed) | 8× outer Ø |
| Bend radius (moving) | 12× outer Ø |
| Torsion stress | ±180°/m |
| No. of torsion cycles | max. 4 Mio. (25 °C) |
| Commercial data | |
| country of origin | DE |
| customs tariff number | 85444210 |
| EAN | 4048879845748 |
| eClass | 27061801 |
| Packaging unit | 1.000 |