

M12 male 0° D-coded / RJ45 male 0° shielded

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 45m

Ethernet CAT5

Plastic housings with good resistance against chemicals and oils.

Male straight – male straight

M12 – RJ45, 4-pole

D-coded

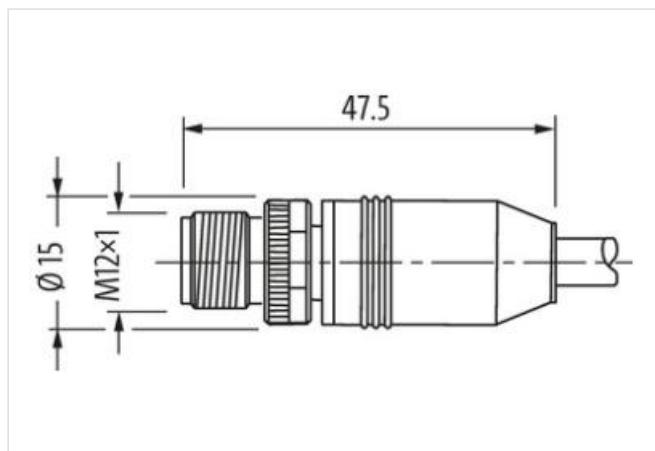
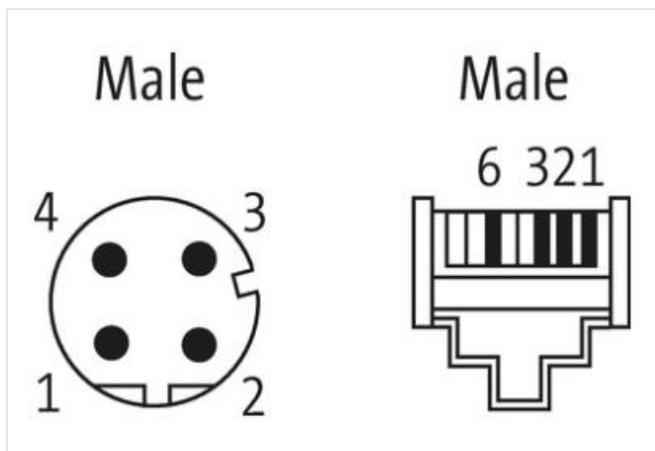
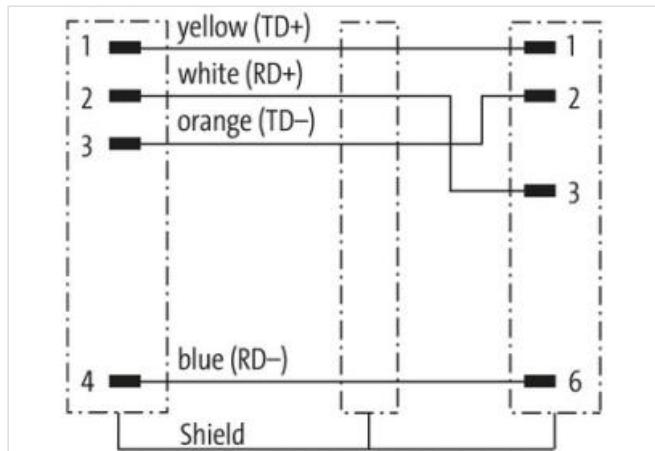
shielded

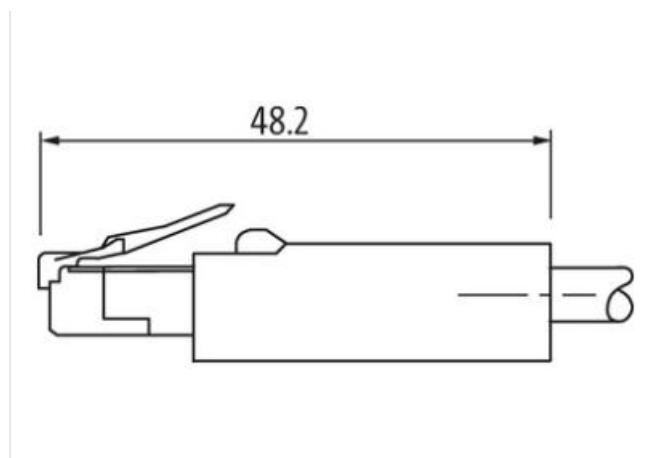
USA

without cable sleeves

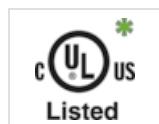
Protection cap

Further cable lengths on request.

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



Product may differ from Image



* only for products with UL/CSA approved cable

Form

Form 44711

Technical Data

| | |
|---------------------|--|
| Operating voltage | max. 60 V DC |
| Rated surge voltage | 1.0 kV |
| No. of poles | 4 |
| Transfer parameters | CAT5, 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 |

General data

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

Cables

| | |
|----------------------------|--|
| Cable identification | S7V |
| Cable weight [g/m] | 74,8 g |
| Material (wire) | Cu wire, tin plated |
| Construction (core) | 19 x 0.16 mm (multi-strand wire class 5) |
| Diameter (core) | 2 x 2 x 0.34 mm ² |
| Material (wire isolation) | HDPE |
| Wire-Ø incl. isolation | 1.42 mm ±5% |
| Shield | yes |
| Material (jacket) | TPE |
| Outer-Ø (jacket) | 7.9 mm ±5% |
| Color (jacket) | green |
| Temperature range (fixed) | -40...+80 °C |
| Temperature range (mobile) | -20...+80 °C |
| Bend radius (fixed) | 5 x outer Ø |
| Bend radius (moving) | 10 x outer Ø |
| Torsion stress | ±180°/m |
| No. of torsion cycles | max. 5 Mio. (25 °C) |

Product article number of manufacturer 7700-44711-S7V4500

Cable length 45 m