

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

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 5m

Ethernet CAT5

Plastic housings with good resistance against chemicals and oils.

Male straight – male straight

M12 – RJ45, 4-pole

D-coded

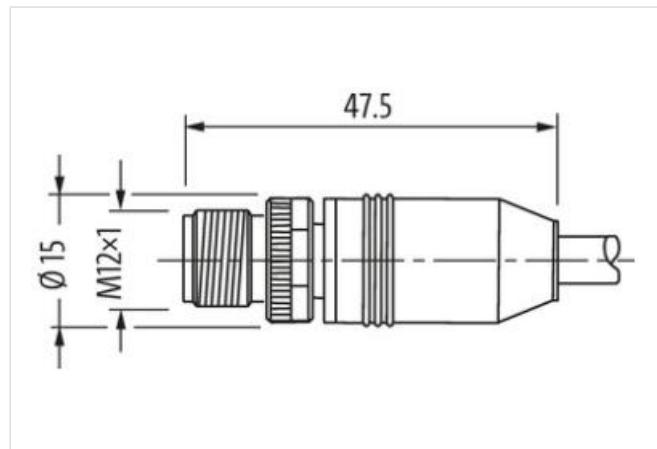
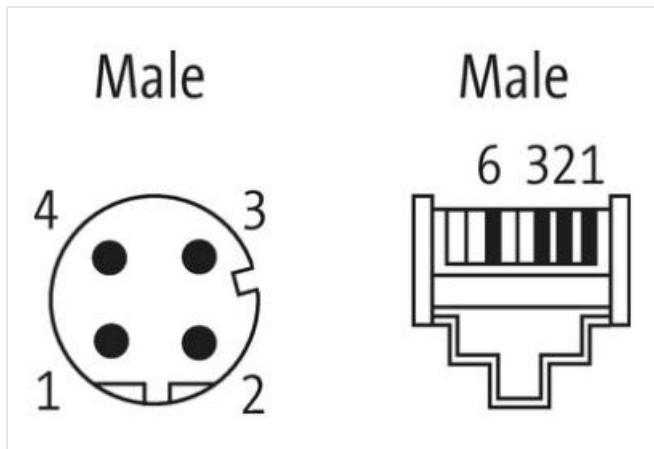
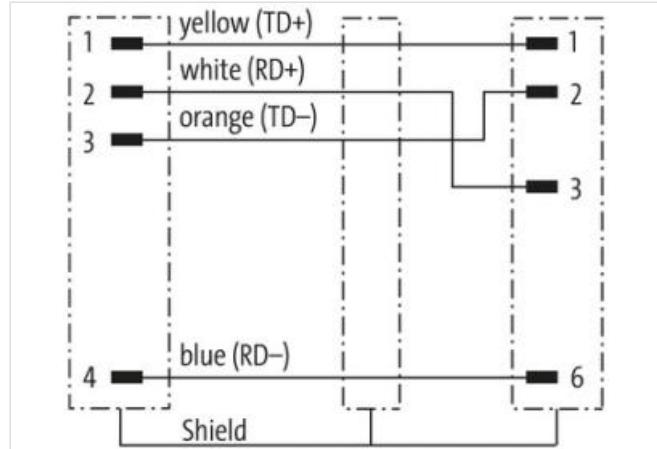
shielded

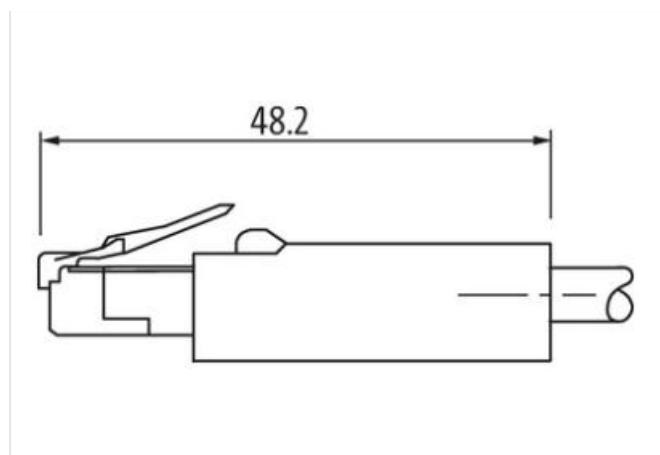
USA

without cable sleeves

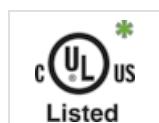
Protection cap

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 <sup>2</sup>
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-S7V0500

Cable length 5 m