

M12 male 90° / M12 male 90° D-cod. shielded

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 10m

USA

Ethernet CAT5

Male 90° – male 90°

M12 – M12, 4-pole

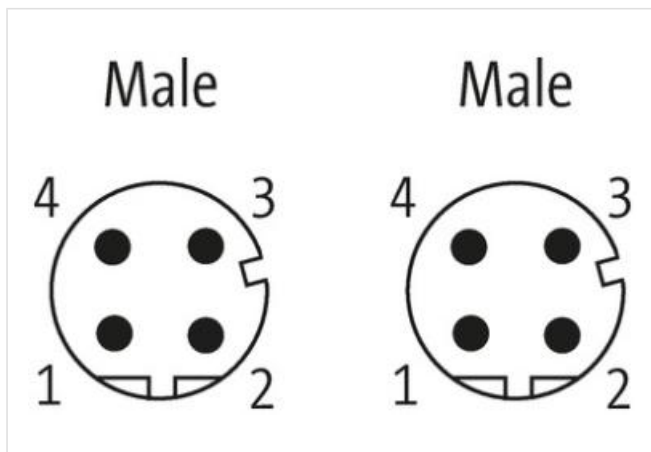
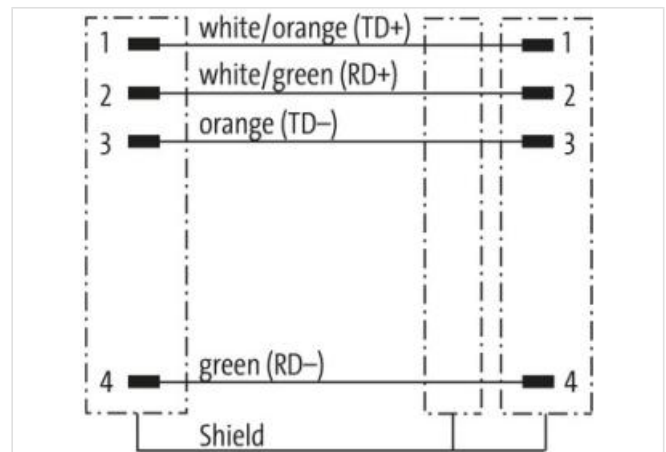
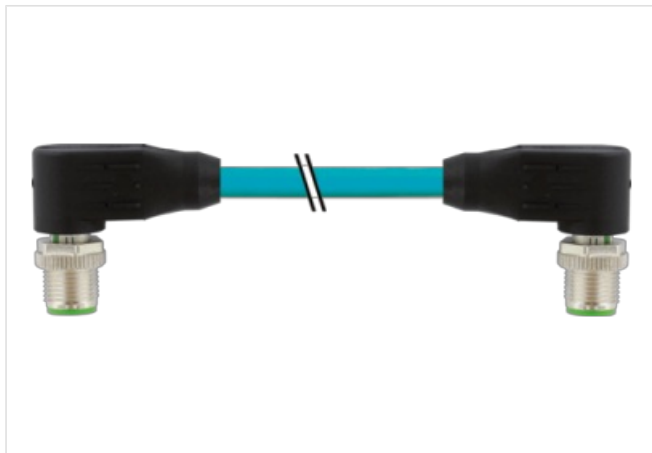
D-coded

shielded

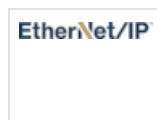
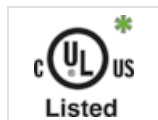
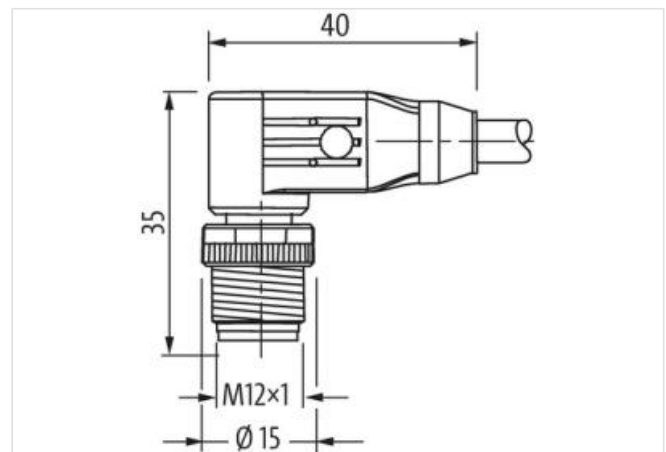
Further cable lengths on request.

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



* only for products with UL/CSA approved cable

Form

Form

44561

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: 2022-11-13

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Technical Data	
Operating voltage	max. 60 V DC
Rated surge voltage	1.5 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	S4U
Cable weight [g/m]	55,66 g
Material (wire)	Cu wire, tin plated
Construction (core)	7× 0.203 mm
Diameter (core)	2× 2× 0.25 mm ²
AWG	similar to AWG 24
Material (wire isolation)	HDPE
Wire-Ø incl. isolation	1.22 mm ±5%
Color/numbering of wires	(wh-or, or) + (wh-gn, gn)
Shield	yes
Shield (Type)	Copper braid
optical shield cover	min. 75%
Material (jacket)	TPE
Outer-Ø (jacket)	6.6 mm ±5%
Color (jacket)	blue
Nominal voltage	1500 V AC
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-40...+80 °C
Bend radius (moving)	10× outer Ø
Travel speed (C-track)	max. 1.2 m/s
Acceleration (C-track)	max. 2.4 m/s ²
No. of torsion cycles	max. 3 Mio. (25 °C)
Torsion speed	60 cycles/min
Product article number of manufacturer	7700-44561-S4U1000
Cable length	10 m