

**M12 male 0° D-cod. with cable shielded**

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 1m

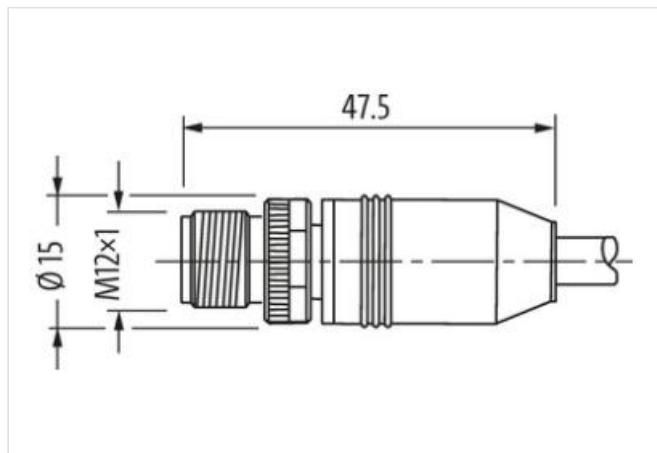
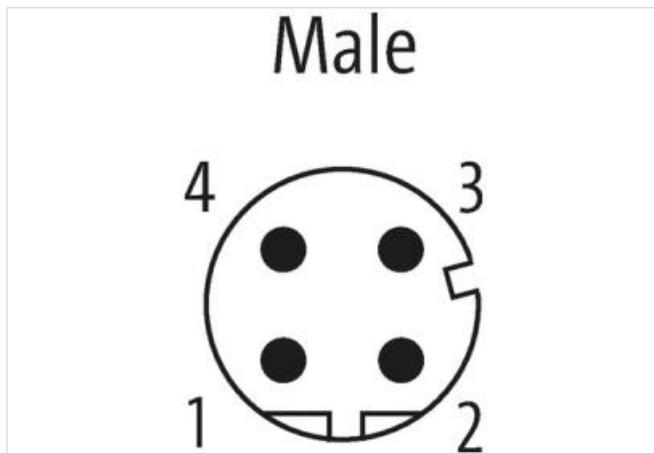
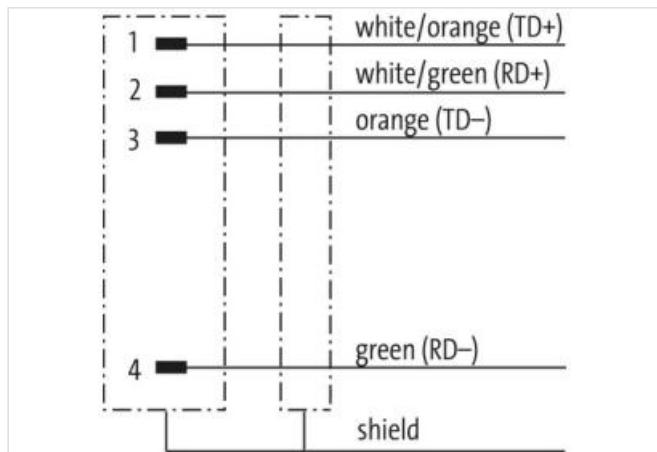
USA

Ethernet CAT5  
Male straight  
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

14541

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: 2022-11-14

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

### 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)	7x 0.203 mm
Diameter (core)	2x 2x 0.25 mm <sup>2</sup>
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)	10x outer Ø
Travel speed (C-track)	max. 1.2 m/s
Acceleration (C-track)	max. 2.4 m/s <sup>2</sup>
No. of torsion cycles	max. 3 Mio. (25 °C)
Torsion speed	60 cycles/min

Product article number of manufacturer 7700-14541-S4U0100

Cable length 1 m