

**M12 fem. recept. D-cod. rear/RJ45 male 0° shielded**

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 0.5m

Ethernet CAT5

Further cable lengths on request.

Flange female straight – male straight

M12 – RJ45, 4-pole

D-coded

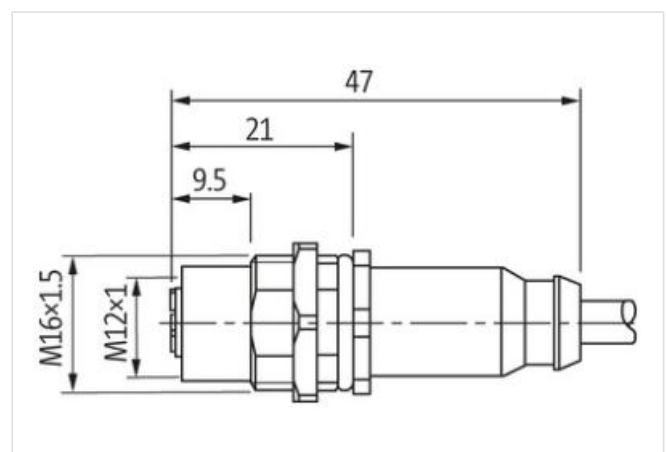
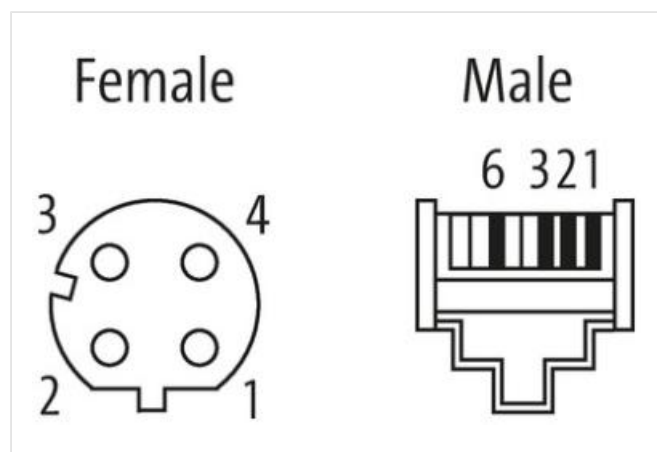
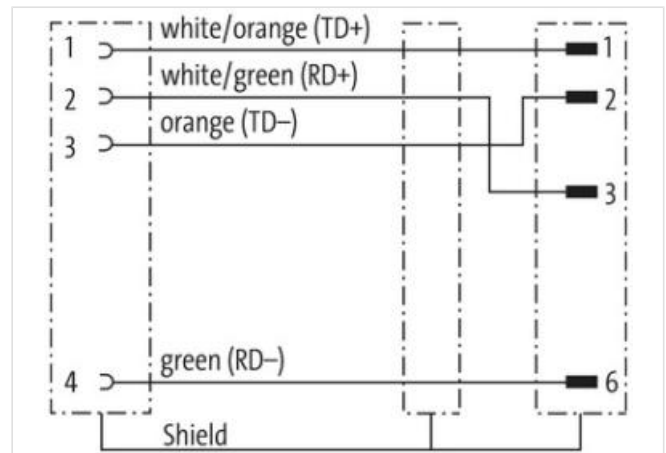
shielded

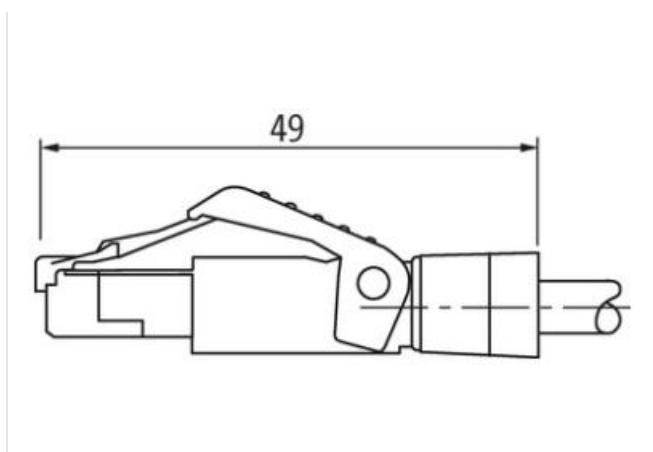
8-pole partly used

Rear mounting

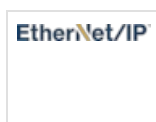
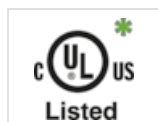
USA

Cable is approved for 600 V

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



Product may differ from Image



\* only for products with UL/CSA approved cable

#### Form

Form 44851

#### 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	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 <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)	10× outer Ø

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

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	7700-44851-S4U0050
Cable length	0,5 m