MURR ELEKTRONIK
stay connected

RJ45 male 0° / RJ45 male 0° shielded

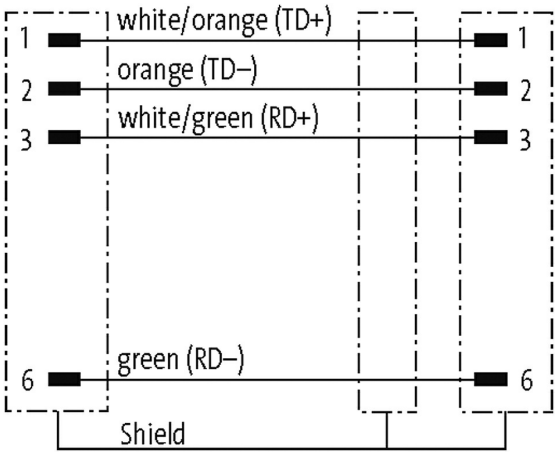
TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 4.25m

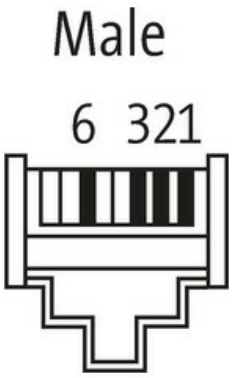
Ethernet CAT5
Male straight – male straight
RJ45 – RJ45, 4-pole
shielded
without cable sleeves

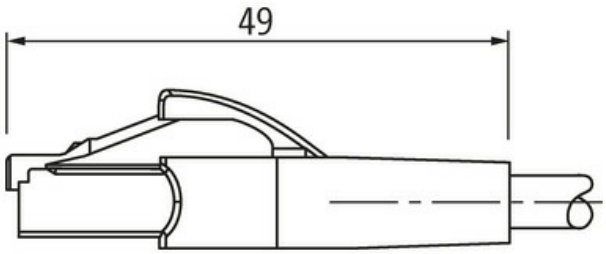
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

Illustration







Product may differ from Image

* only for products with UL/CSA approved cable

Form

Form	74301

Technical Data

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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
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 mm²
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
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
No. of bending cycles (C-track)	max. 1 Mio. (25 °C)
Travel speed (C-track)	max. 1.2 m/s
Acceleration (C-track)	max. 2.4 m/s²
Torsion stress	max. 3 Mio. (25 °C)
No. of torsion cycles	max. 3 Mio. (25 °C)
Torsion speed	60 cycles/min
Commercial data	
country of origin	DE
customs tariff number	85444210
EAN	4048879693165
eClass	27061801
Packaging unit	1.000

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