

**RJ45 male 0° / RJ45 male 0° shielded Ethernet**

PVC 2x2xAWG22 shielded gn UL/CSA 0,5m

Ethernet CAT5

Male straight – male straight

RJ45 – RJ45, 4-pole

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

**Approvals**

\* only for products with UL/CSA approved cable

**More Info**

EtherNet/IP

**Form**

Form 74301

**General data**

Mounting method	inserted
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

**Cables**

No./diameter of wires	2 × 2 × 0.34 mm <sup>2</sup>
Wire isolation	PE (wh, ye, bl, or)
C-track properties	2 Mio.
Material (jacket)	PVC (UL/CSA)
Outer Ø	6.5 mm ±5%
Bend radius (moving)	15 × outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-10...+70 °C
Cable identification	800
Approval (cable)	UL (AWM-Style 2571/10578), CSA; CE conform; Profinet Guideline
Cable weight [g/m]	73,70
Material (wire)	Cu wire, bare

Resistor (core)	max. 55 $\Omega$ /km (20 °C)
Construction (core)	7 × 0.254 mm
Diameter (core)	2 × 2 × AWG22/7 (0.355)
AWG	similar to AWG 22
Material (wire isolation)	PE
Shore hardness (wire isolation)	55 ±5 D
Wire-Ø incl. isolation	1.52 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
	min. 85%
Material (jacket)	PVC
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	6.5 mm ±5%
Color (jacket)	green
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
Nominal voltage	300 V AC
Test voltage	1000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-10...+70 °C
Bend radius (fixed)	5 × outer Ø
Bend radius (moving)	15 × outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 2 m/s
Jacket Color	green
Cable number	811

#### Technical Data

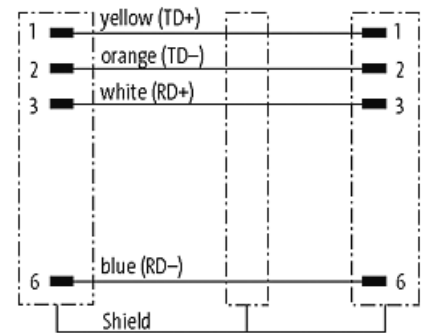
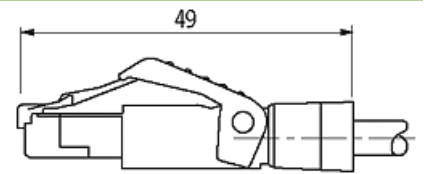
Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	1.0 kV
Operating current per contact	max. 1.5 A (20 °C)
Material group	IEC 60664-1, category I
No. of poles	4
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
LED display	no
Locking of ports	Snap-in connector
Protection	IP20
Locking material	PA
Material	PUR
suitable for corrugated tube (internal Ø)	without

#### Commercial data

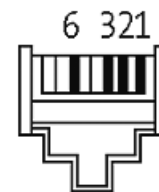
country of origin	DE
customs tariff number	85444210
EAN	4048879637510
eClass	27061801

Packaging unit

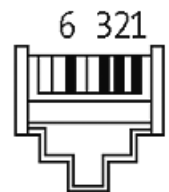
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**Sketch**

Male



Male



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