

**RJ45 male 45° up / RJ45 male 45° up shielded EN**

PUR 2x2xAWG22 shielded gn UL/CSA+dragchain 5m

Ethernet CAT5

Male 45° on top – male 45° on top

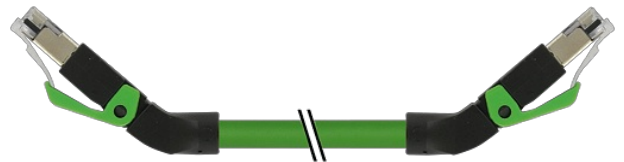
RJ45 – RJ45, 4-pole

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

EtherCAT

PROFINET

**Form**

Form 74401

**General data**

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

**Cables**

No./diameter of wires	2x 2x 0.34 mm <sup>2</sup>
Wire isolation	PE (wh, ye, bl, or)
C-track properties	3 Mio.
Jacket Color	green
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.7 mm ±5%
Bend radius (moving)	12x outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Cable identification	796
Approval (cable)	UL (AWM-Style 20233/11602), CSA; CE

Cable weight [g/m]	69,3
Material (wire)	Cu wire, bare
Resistor (core)	max. 55 $\Omega$ /km (20 °C)
Diameter (core)	2 x 2x AWG22
Material (wire isolation)	PE
Wire- $\emptyset$ incl. isolation	1.4 mm $\pm$ 5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
	min. 85%
Material (jacket)	PUR
Outer- $\emptyset$ (jacket)	6.7 mm $\pm$ 5%
Color (jacket)	green
thermal resistance	flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2
Nominal voltage	300 V
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	5 x outer $\emptyset$
Bend radius (moving)	12 x outer $\emptyset$
No. of bending cycles (C-track)	max. 3 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 <sup>2</sup>

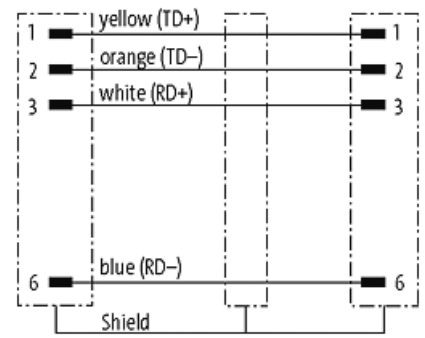
#### Technical Data

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
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Protection	IP20
Material	PUR
Locking material	PA
suitable for corrugated tube (internal $\emptyset$ )	without

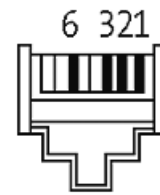
#### Commercial data

country of origin	DE
customs tariff number	85444210
EAN	4048879548960
eClass	27061801
Packaging unit	1

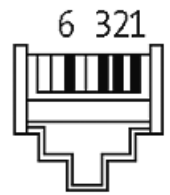
#### Sketch



Male



Male



Product may differ from Image