

RJ45 male 0° / RJ45 male 0° shielded Ethernet

PUR 2x2xAWG22 shielded bu UL/CSA+dragchain 3m

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
certification tested

EtherCAT

**PROFI
NET**

Form

Form 74301

General data

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

Cables

Cable number	677
No./diameter of wires	2× 2× AWG22/7 (0.355)
Wire isolation	PO (wh, ye, bl, or)
C-track properties	3 Mio.
Jacket Color	blue
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.7 mm ±5%
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Cable identification	677
Approval (cable)	UL (AWM-Style 20233/11602), CSA; CE

Cable weight [g/m]	69,30
Material (wire)	Cu wire, bare
Resistor (core)	max. 55 Ω /km (20 °C)
Diameter (core)	2 × 2 × AWG22/7 (0.355)
AWG	similar to AWG 22
Material (wire isolation)	PO
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
	min. 85%
Material (jacket)	PUR
Outer-Ø (jacket)	6.7 mm ±5%
Color (jacket)	blue
Nominal voltage	300 V
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	5 × outer Ø
Bend radius (moving)	12 × outer Ø
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 ²

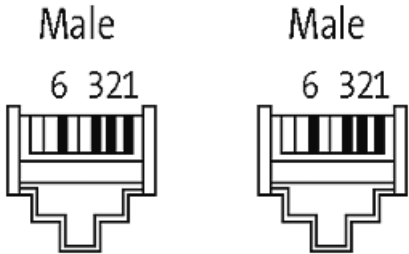
Technical Data

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	4048879616324
eClass	27061801
Packaging unit	1

Sketch



Product may differ from Image