

RJ45 male 0° / RJ45 male 0° shielded Ethernet

PUR 2x2xAWG22 shielded gn UL/CSA+dragchain 75m

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

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More Info

EtherNet/IP

EtherNet/IP









Form

Form	74301
Form	74301

General data

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

Cables

No./diameter of wires	2× 2× 0.34 mm²
No./diameter of wires	2× 2× 0.34 mm²
Wire isolation	PE (wh, ye, bl, or)
Wire isolation	PE (wh, ye, bl, or)
C-track properties	3 Mio.
C-track properties	3 Mio.
Jacket Color	green
Jacket Color	green

Material (jacket)	PUR (UL/CSA)
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.7 mm ±5%
Outer Ø	6.7 mm ±5%
Bend radius (moving)	12× outer Ø
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Temperature range (mobile)	-30...+70 °C
Cable identification	796
Cable identification	796
Approval (cable)	UL (AWM-Style 20233/11602), CSA; CE
Approval (cable)	UL (AWM-Style 20233/11602), CSA; CE
Cable weight [g/m]	69,3
Cable weight [g/m]	69,3
Material (wire)	Cu wire, bare
Material (wire)	Cu wire, bare
Resistor (core)	max. 55 Ω/km (20 °C)
Resistor (core)	max. 55 Ω/km (20 °C)
Diameter (core)	2× 2× AWG22
Diameter (core)	2× 2× AWG22
Material (wire isolation)	PE
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.4 mm ±5%
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Color/numbering of wires	wh, ye, bl, or
Shield	yes
Shield	yes
	min. 85%
	min. 85%
Material (jacket)	PUR
Material (jacket)	PUR
Outer-Ø (jacket)	6.7 mm ±5%
Outer-Ø (jacket)	6.7 mm ±5%
Color (jacket)	green
Color (jacket)	green
thermal resistance	flammwidrig nach UL 1581 Section 1060 (FT1), Section 1061 (cable flame), Section 1080 (VW-1) / IEC 60332-1-2
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
Nominal voltage	300 V
Temperature range (fixed)	-40...+80 °C
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	5× outer Ø

Bend radius (fixed)	5 × outer Ø
Bend radius (moving)	12 × outer Ø
Bend radius (moving)	12 × outer Ø
No. of bending cycles (C-track)	max. 3 Mio. (25 °C)
No. of bending cycles (C-track)	max. 3 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 2 m/s²
Acceleration (C-track)	max. 2 m/s²

Technical Data

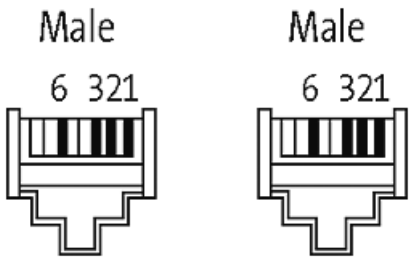
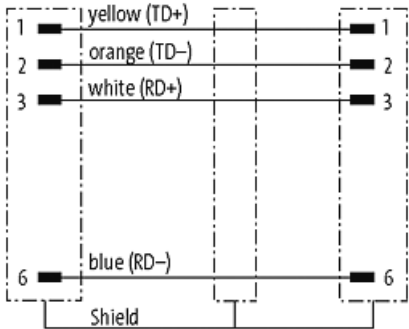
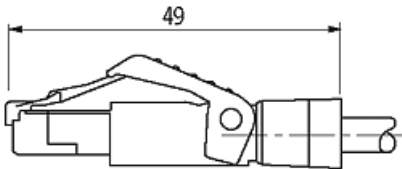
Operating voltage	max. 60 V DC
Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	max. 30 V DC
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	1.0 kV
Rated surge voltage	1.0 kV
Operating current per contact	max. 1.5 A (20 °C)
Operating current per contact	max. 1.5 A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

Commercial data

country of origin	DE
country of origin	DE
customs tariff number	85444210
customs tariff number	85444210
EAN	4048879582315
EAN	4048879582315
eClass	27061801

eClass	27061801
Packaging unit	1
Packaging unit	1

Sketch



Product may differ from Image