

**M12 male 0° / M12 male 0° shielded Ethernet**

PUR 2x2xAWG22 shielded gn UL/CSA+drag chain 10m

Ethernet CAT5e

Cable is approved for 600 V

Male straight – male straight

M12 – M12, 4-pole

D-coded

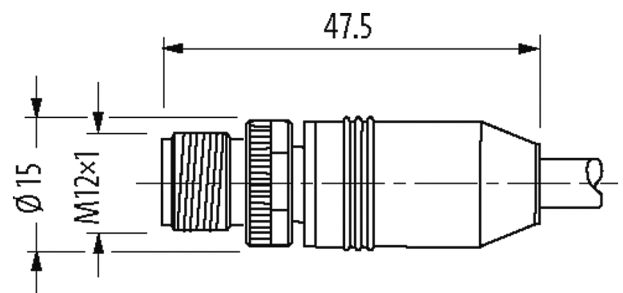
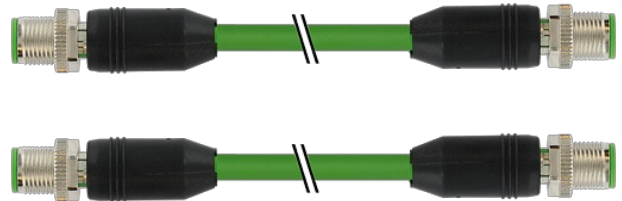
shielded

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.

Transmission properties with channel transmission up to 100 m

**Illustration**

Product may differ from Image

**Approvals**

\* only for products with UL/CSA approved cable

cCSAus

**More Info**

EtherNet/IP

EtherCAT

PROFI  
NET**Form**

Form 44511

**Cables**No./diameter of wires 2 x 2 x 0.34 mm<sup>2</sup>

Wire isolation PE (wh, ye, bl, or)

C-track properties 2 Mio.

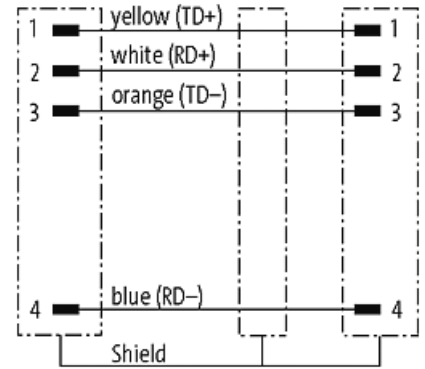
Material (jacket)	PUR (UL/CSA)
Outer Ø	7.4 mm ±5%
Bend radius (moving)	12× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Cable identification	659
Approval (cable)	UL (AWM-Style 20234/10988), CSA; CE
Cable weight [g/m]	89,10
Material (wire)	Cu wire, bare
Resistor (core)	max. 55 Ω/km (20 °C)
Diameter (core)	2× 2× 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Material (wire isolation)	PE
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)	7.4 mm ±5%
Color (jacket)	green
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
Nominal voltage	600 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. 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 <sup>2</sup>
Jacket Color	green
<b>Technical Data</b>	
Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	max. 30 V DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Coding	D-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Locking material	Zinc die casting, matte nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	without
<b>General data</b>	
Standards	DIN EN 61076-2-101 (M12)
Pollution Degree	3

*stay connected*

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

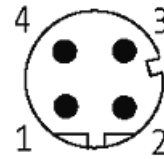
**Commercial data**

country of origin	DE
customs tariff number	85444290
EAN	4048879630726
eClass	27061801
Packaging unit	1

**Sketch**

Male

Male



Product may differ from Image