

RJ45 male 0° shielded with cable, Ethernet

PVC 2x2xAWG22 shielded gn UL/CSA +drag ch. 30m

Ethernet CAT5e

Male straight

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

 The Ethernet/IP logo, indicating compatibility with Industrial Protocol.


 The EtherCAT logo, indicating compatibility with EtherCAT technology.


 The PROFINET logo, indicating compatibility with PROFINET technology.
Form

Form 74101

General data

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

Cables

No./diameter of wires	2 × 2 × 0.34 mm ²
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 Ω/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

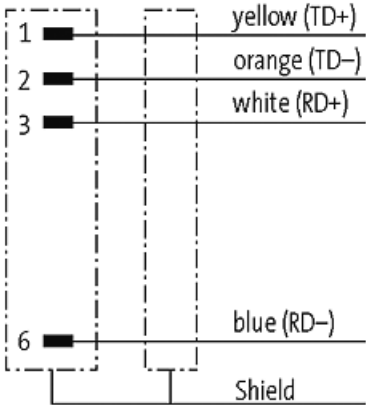
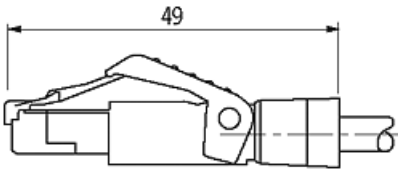
Technical Data

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
Locking of ports	Standard
Protection	IP20 inserted and tightened (EN 60529)
Material	PUR
suitable for corrugated tube (internal Ø)	without

Commercial data

country of origin	DE
customs tariff number	85444210
EAN	4048879573993
eClass	27061801
Packaging unit	1

Sketch



Male



Product may differ from Image