

RJ45 male 45° up with cable shielded

PUR 1x4xAWG22 shielded vt UL/CSA+drag ch. 1.5m

Ethernet CAT5e
Male 45° on top
RJ45, 4-pole
shielded

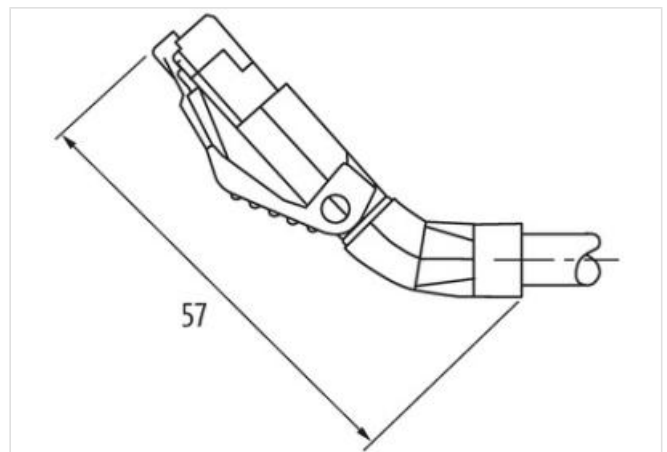
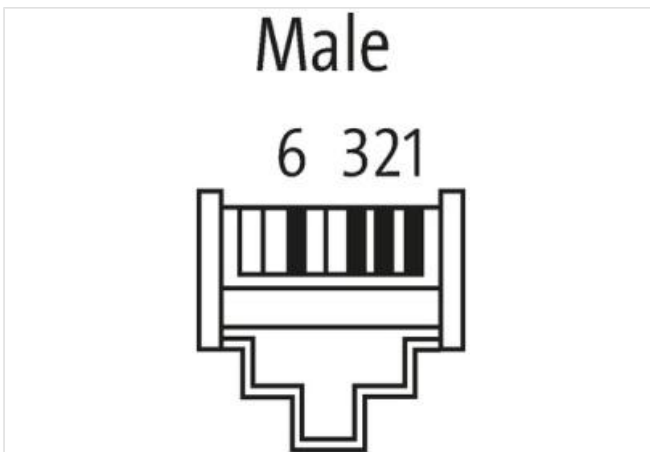
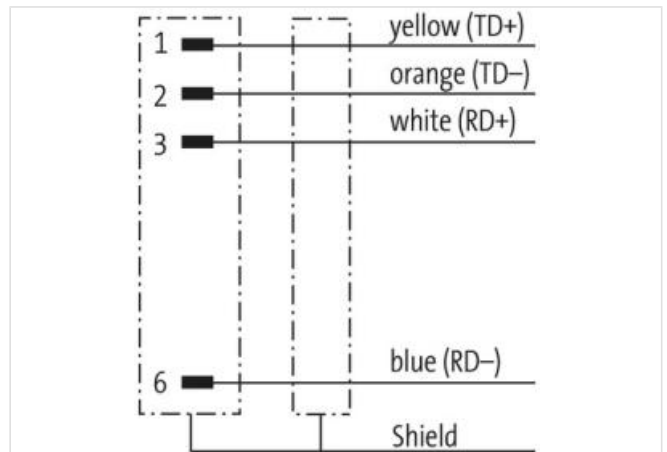
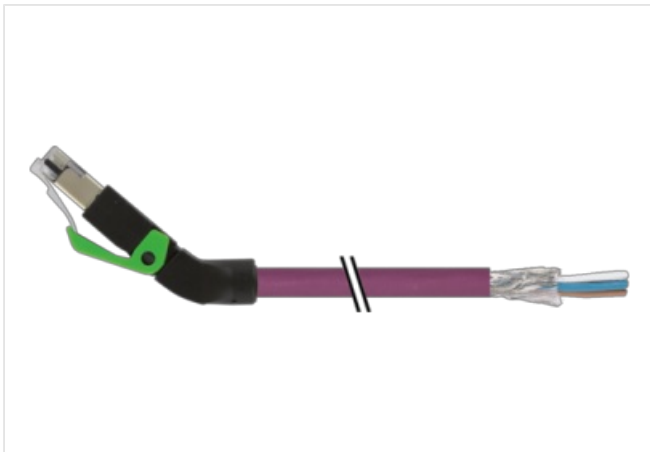
Further cable lengths on request.

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



Cable length 1,5 m

Technical Data

Operating voltage max. 60 V DC

Operating voltage (only UL listed)	30 V DC
Rated surge voltage	1.0 kV
Operating current per contact	max. 1.5 A (20 °C)
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	up to 100 Mbit/s full duplex
Material group	IEC 60664-1, category I
Protection	IP20 inserted and tightened (EN 60529)
Material	PUR
Locking material	PA
suitable for corrugated tube (internal Ø)	without

General data

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

Cable

Cable identification	798
Approval (cable)	cURus (AWM-Style 20549/11602), CE-conform
Cable weight [g/m]	68,64 g
Material wire	Cu wire, bare
Resistor (core)	max. 55 Ω/km (20 °C)
Construction (core)	19× 0.15 mm (multi-strand wire class 5)
Diameter (core)	1× 4× AWG22/7
AWG	similar to AWG 22
Material wire isolation	PO
Material property wire insulation	CFC-, halogen-, cadmium-, silicone- and lead-free
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
Shield (Type)	Copper braid
Optical shield cover	min. 85%
Material jacket	PUR
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness jacket	85 ±5 A
Outer-Ø (jacket)	6.7 mm ±5%
Color jacket	violet
chemical resistance	Oil resistance according to IEC 60811-2-1, ASTM IRM 901, ICEA S-82-552 Std.
thermal resistance	flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.
Nominal voltage	300 V
Test voltage	2000 V AC (test duration 1 min)
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
Torsion stress	±180°/m
No. of torsion cycles	max. 1 Mio. (25 °C)