

M12 fem. recept. X-cod. / RJ45 male 0° Gigabit

PUR 4x2xAWG26 shielded gn UL/CSA 3m

Ethernet CAT6A

The resistance to aggressive media should be individually tested for your application. Further details on request.

Flange female straight – male straight

RJ45 – M12, 8-pole

X-coded

shielded

Rear mounting

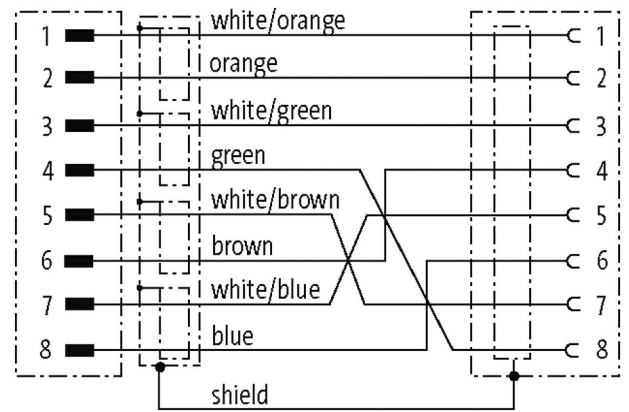
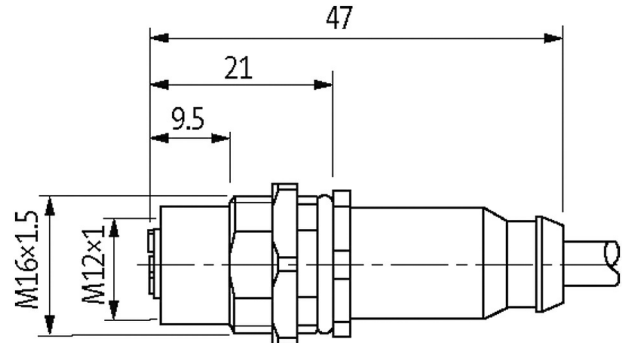
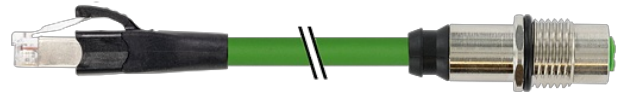
Transmission properties with channel transmission up to 50 m

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

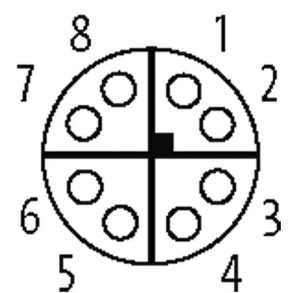
[Link to Product](#)

Illustration



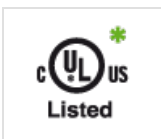
Male

Female



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

Form

Form

51551

General data

Standards	DIN EN 61076-2-109 (M12)
Mounting method	inserted, tightened
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Cables

No./diameter of wires	4 × 2 × 0.14 mm ²
Wire isolation	PE (whbl, bl, whor, or, whgn, gn, whbr, br)
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.4 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-10...+50 °C
Cable identification	790
Approval (cable)	UL (AWM-Style 20236/1598), CSA; CE
Cable weight [g/m]	52,80
Material (wire)	Cu wire, bare
Resistor (core)	max. 143 Ω/km (20 °C)
Single wire Ø (core)	0.16 mm
Diameter (core)	4 × 2 × 0.14 mm ²
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.05 mm ±5%
Color/numbering of wires	wh/or+or, wh/bl+bl, wh/br+br, wh/gn+gn
Shield	yes
	min. 65%
Material (jacket)	PUR
Outer-Ø (jacket)	6.4 mm ±5%
Color (jacket)	green
thermal resistance	flame retardant
Nominal voltage	125 V AC
Test voltage	1500 V (wire/wire); 1000 V (wire/shield)
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-10...+50 °C
Bend radius (fixed)	8 × outer Ø
Bend radius (moving)	10 × outer Ø
Jacket Color	green

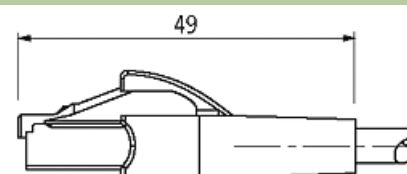
Technical Data

Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	30 V DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 0.5 A
No. of poles	8
Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	10 Gbit/s
Material group	IEC 60664-1, category I
Coding	M12, X-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW14)

Protection	IP67 (M12) - IP20 (RJ45)
Protection NEMA	3, 4, 6P (UL 50E) (M12)
Locking material	Brass, nickel plated
Material	PUR
suitable for corrugated tube (internal Ø)	without

Commercial data

country of origin	DE
customs tariff number	85444210
EAN	4048879648462
eClass	27279220
Packaging unit	1

Sketch

Product may differ from Image