

**RJ45 male 0° / RJ45 male 0° shielded**

FRNC/LS0H 2x2xAWG26 shielded gr 8m

Ethernet CAT5

Male straight – male straight

RJ45 – RJ45, 4-pole

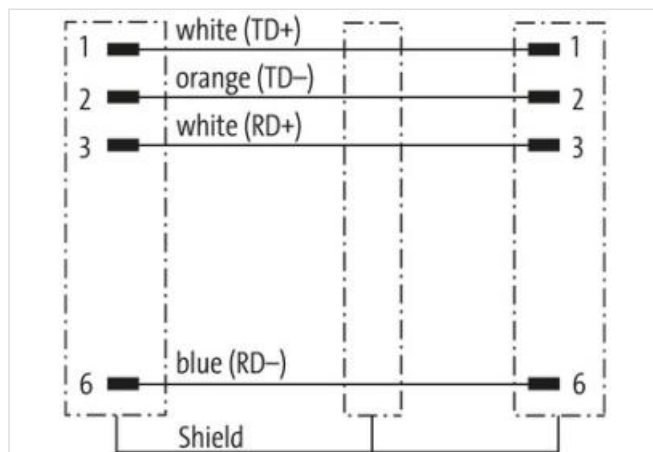
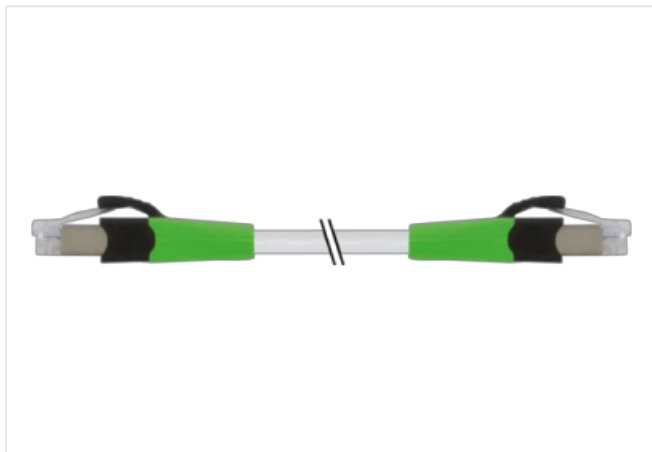
shielded

without cable sleeves

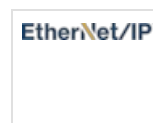
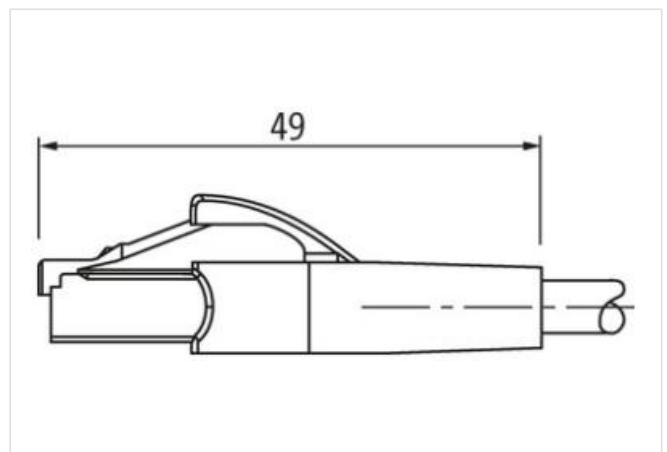
Further cable lengths on request.

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

8 m

**Side 1**

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20

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Mounting method	inserted
Family construction form	RJ45
<b>Side 2</b>	
Mounting method	inserted
<b>Commercial data</b>	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC002599
customs tariff number	85444210
GTIN	4048879894210
Packaging unit	1
<b>Electrical data   Supply</b>	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
<b>Industrial communication</b>	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
<b>Industrial communication   Ethernet functionality</b>	
duplex	Full duplex
<b>Diagnostics</b>	
Status indication LED	no
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP20
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	I
<b>Mechanical data</b>	
Contour for corrugated hose	without
<b>Mechanical data   Material data</b>	
Material housing	PUR
Locking material	PA
<b>Mechanical data   Mounting data</b>	
Looking techniques	Snap-in connector
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
<b>Important installation notes</b>	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
<b>Installation   Cable</b>	

wire arrangement	white, blue, white, orange
Cable identification	777
Jacket Color	black
Amount stranding	2
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints twisted
wire arrangement	white, blue, white, orange
Material jacket	FRNC
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	FRNC
Amount wires	4
Diameter of single wires	26 AWG
Conductor crosssection (wire)	26 AWG
Material conductor wire	Stranded copper wire, bare
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	60 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	60 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	7,5 x Outer diameter