

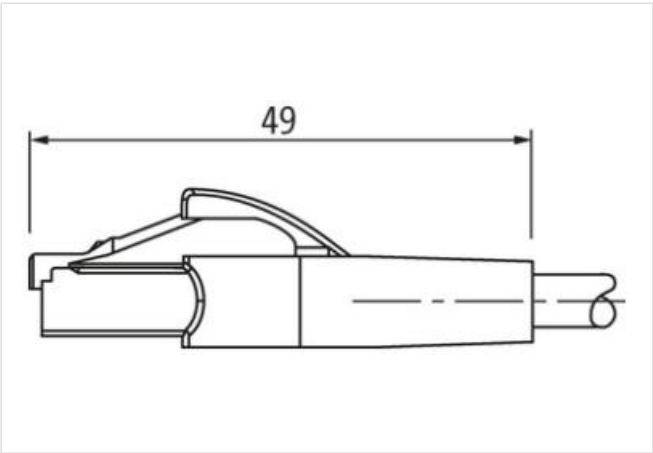
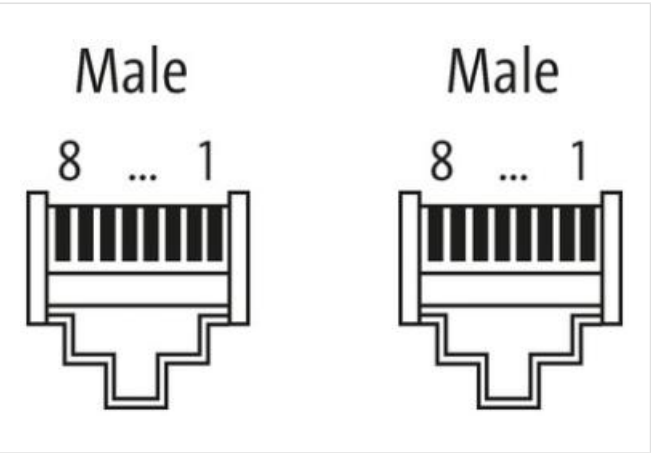
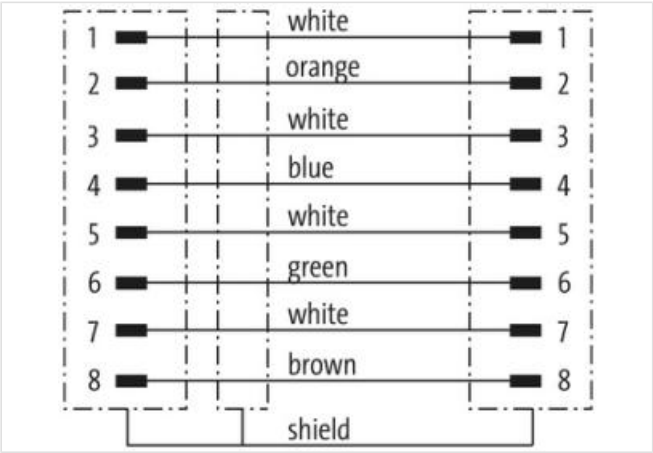
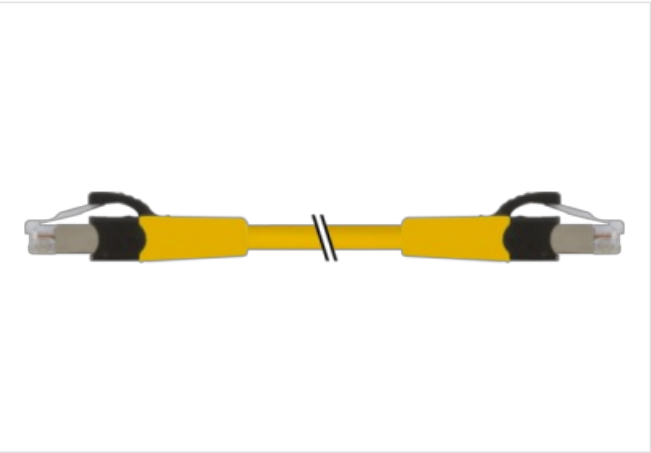
**RJ45 male 0° / RJ45 male 0° shielded**

FRNC/LS0H 4x2xAWG27 shielded ye UL 1m

Ethernet CAT6A  
Male straight – male straight  
RJ45 – RJ45, 8-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 1 m

Side 1

Mounting method inserted

#### Side 2

Mounting method inserted

#### Commercial data

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	4048879606028
Packaging unit	1

#### Electrical data | Supply

Operating voltage DC max.	60 V
Operating voltage DC max. (UL-listed)	25 V
Current operating per contact max.	1,5 A

#### Industrial communication

Transfer parameters	CAT6A
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#### Diagnostics

Status indication LED	no
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#### Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	I

#### Mechanical data

Contour for corrugated hose	without
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#### Mechanical data | Material data

Material housing	PUR
Locking material	PA

#### Mechanical data | Mounting data

Locking techniques	Snap-in connector
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#### Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

#### Installation | Cable

Cable identification	378
Jacket Color	yellow
Amount stranding	4
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	4 Stranded joints twisted
Cable shielding (type)	copper braiding, bare
wire arrangement	white, blue, white, orange, white, green, white, brown

Material jacket	FRNC
Outer-diameter (jacket)	6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	FRNC
Amount wires	8
Amount strands (wire)	7
Diameter of single wires	27 AWG
Conductor crosssection (wire)	27 AWG
Material conductor wire	Stranded copper wire, bare
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Min. operating temperature (static)	-20 °C
Max. operating temperature (fixed)	60 °C
Operating temperature min. (dynamic)	0 °C
Operating temperature max. (dynamic)	50 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	x Outer diameter
Bending radius (dynamic)	5 x Outer diameter