

RJ45 male 0° / RJ45 male 0° shielded

FRNC/LS0H 2x2xAWG26 shielded gr 1m

Art.No.: 7000-74701-7770100

Weight: 0.170 kg

Country of origin: HU

Model designation: MSRAL0-RA-8p4c777_1.0

Ethernet CAT5

Male straight – male straight

RJ45 – RJ45, 4-pole

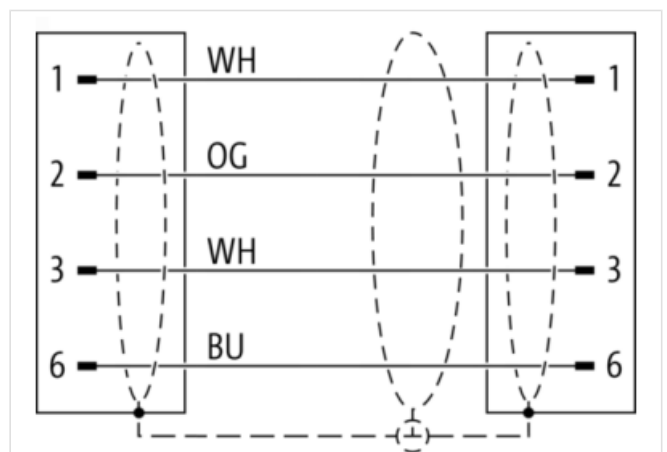
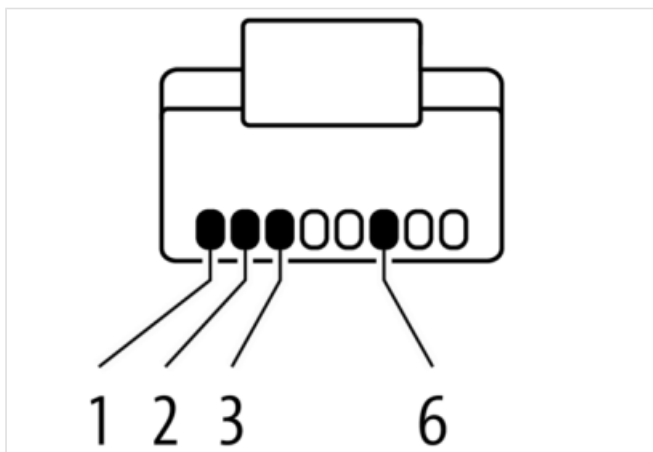
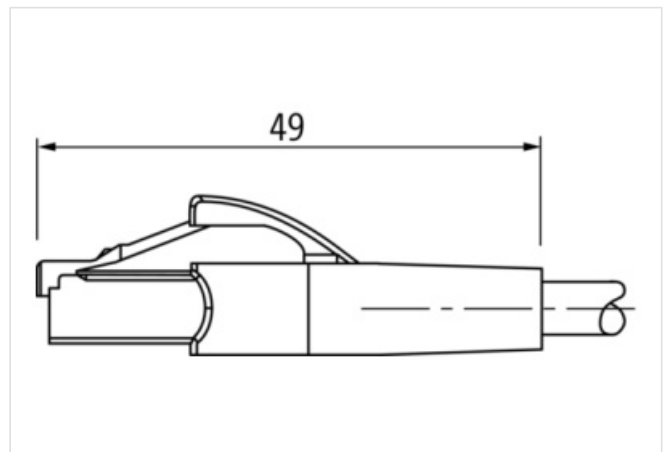
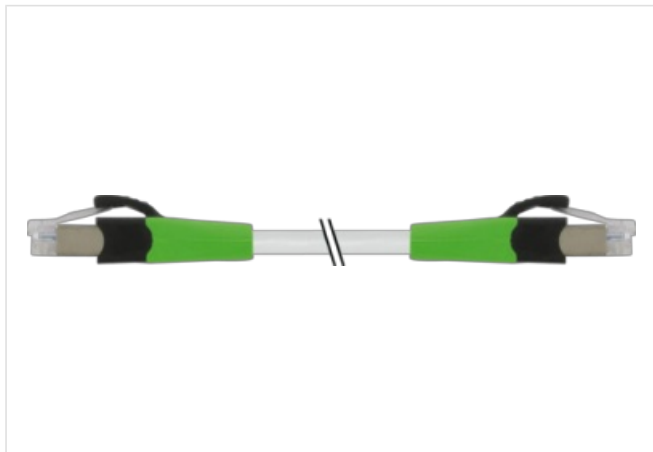
Shielded

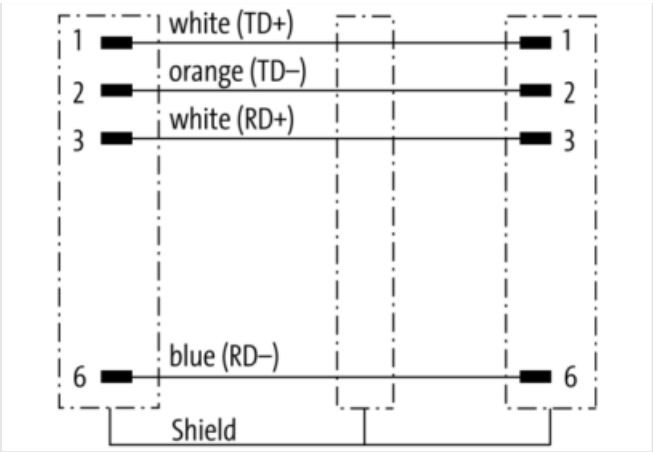
without cable sleeves

Further cable lengths on request.

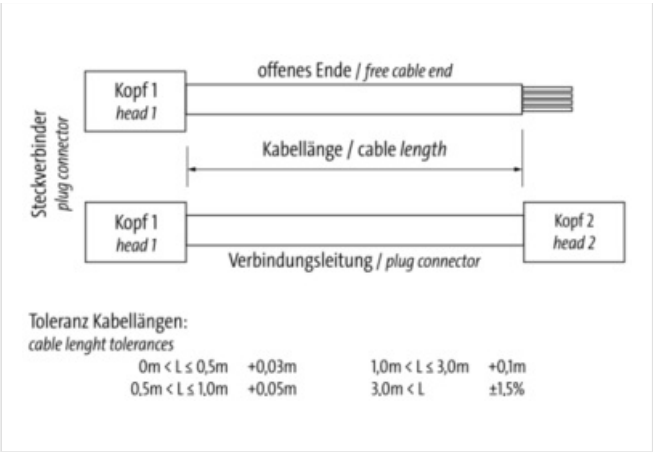
Plastic housings with good resistance against chemicals and oils.

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	1,00 m
Side 1	
Family construction form	RJ45
No. of poles	4
Gender	male
Mounting method	inserted
Cable outlet	straight
Degree of protection (EN IEC 60529)	IP20
Side 2	
Family construction form	RJ45
No. of poles	4
Gender	male
Mounting method	inserted
Cable outlet	straight
Degree of protection (EN IEC 60529)	IP20
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-74701-7770100
GTIN	4048879569941
EU-Customs tariff number	85444210
US-Customs tariff number	8544422000
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-7.1	27060307
ECLASS-8.0	27060307
ECLASS-8.1	27060307
ECLASS-9.0	27060307
ECLASS-9.1	27060307
ECLASS-10.0.1	27060307
ECLASS-10.1	27060307
ECLASS-11.0	27060307
ECLASS-11.1	27060307

ECLASS-12.0	27060307
ECLASS-13.0	27060307
ECLASS-14.0	27060307
ETIM-5.0	EC002599
ETIM-6.0	EC002599
ETIM-7.0	EC002599
ETIM-8.0	EC002599
ETIM-9.0	EC002599
ETIM-10.0	EC002599
customs tariff number	85444210
EAN	4048879569941
Packaging unit	1

Electrical data | Supply

Operating voltage DC max.	60 V
Current operating per contact max.	1,76 A

Industrial Communication

Data transmission rate max.	100 Mbit/s
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)

Industrial communication | Ethernet functionality

duplex	Full duplex
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Diagnostics

Status indication LED	No
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
Additional condition protection degree	inserted
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

housing	PUR
Locking material	PA

Mechanical data | Mounting data

Looking 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

Important installation notes

Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

Installation | Cable

Cable identification	777
Cable weight	28,8 g/m
Stranding	2 Wires
Stranding (type 2)	1 Stranded joints
Wire arrangement	WH, BU, WH, OG
Material wire insulation	FRNC

Amount wires	4
Conductor crossection (wire)	26 AWG
Material conductor wire	Stranded copper wire, bare
Material jacket	FRNC
Outer-diameter (jacket)	5 mm ± 5 %
Jacket Color	gray / RAL 7040
Operating temperature (static)	-20 °C ... 60 °C
Operating temperature (dynamic)	-20 °C ... 60 °C
Bending radius (fixed)	7.5 × Outer diameter