

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

FRNC/LS0H 4x2xAWG26 shielded gn UL 21m

Art.No.: 7000-74711-4782100

Weight: 0.965

Country of origin: HU

Model designation: MSRAL0-RA-8p8c478\_21.0

Ethernet CAT6A

Male straight – male straight

RJ45 – RJ45, 8-pole

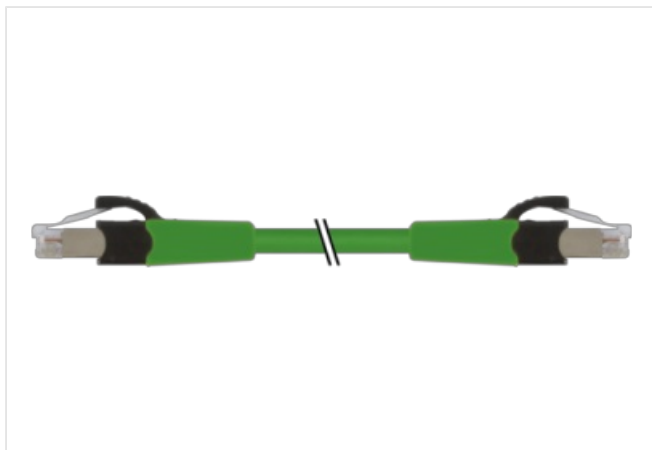
shielded

without cable sleeves

Further cable lengths on request.

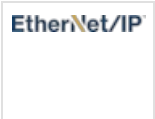
Plastic housings with good resistance against chemicals and oils.

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	21 m
Side 1	
Mounting method	inserted
Family construction form	RJ45
Gender	male
Cable outlet	straight
No. of poles	8
Degree of protection (EN IEC 60529)	IP20
Side 2	
Mounting method	inserted
Family construction form	RJ45
Gender	male
Cable outlet	straight
No. of poles	8
Degree of protection (EN IEC 60529)	IP20
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	EC001855
customs tariff number	85444210
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EAN	4048879842372
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Packaging unit	1
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
<b>Industrial communication</b>	
Transfer parameters	CAT6A
Data transmission rate max.	10 GBit/s
<b>Diagnostics</b>	
Status indication LED	no
<b>Device protection   Electrical</b>	
Degree of protection (EN IEC 60529)	IP20
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, white, green, white, brown
Cable identification	478
Jacket Color	green
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
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)	0 °C
Operating temperature max. (dynamic)	50 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2

chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic)	5 x Outer diameter