

RJ45 male 0° / RJ45 male 0° shielded

FRNC/LS0H 4x2xAWG27 shielded rd UL 30m

Art.No.: 7000-74711-5783000

Weight: 1.441 Country of origin: HU

Model designation: MSRAL0-RA-8p8c578 30.0

Ethernet CAT6A
Male straight – male straight
RJ45 – RJ45, 8-pole
shielded
without cable sleeves

Further cable lengths on request.

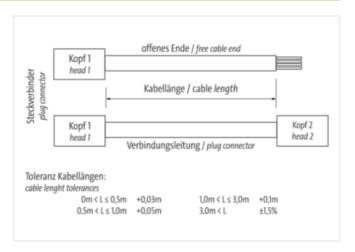
Plastic housings with good resistance against chemicals and oils.

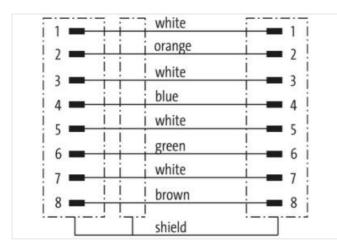
The resistance to aggressive media should be individually tested for your application. Further details on request.

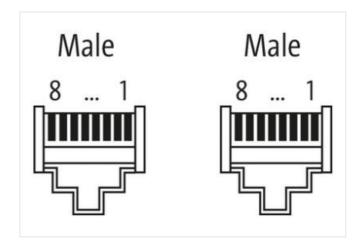
Link to Product

Illustration



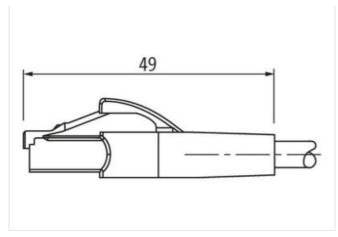








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Product may differ from Image











Side 1	Cable length	30 m
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 27279221 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 25060307 ECLASS-12.0 25060307 ECLASS-12.0 <	Side 1	
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No. of poles 8	Gender	male
Degree of protection (EN IEC 60529) IP20	Cable outlet	straight
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 27279221 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 EAN 4065909013410 EAN 4065909013410 EAN 4065909013410 Packaging unit 1 Packaging unit 1	No. of poles	8
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 27279221 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 customs tariff number 85444210 EAN 4065909013410 EAN 4065909013410 EAN 4065909013410 Packaging unit 1 Packaging unit 1	Degree of protection (EN IEC 60529)	IP20
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 27279221 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 Customs tariff number 85444210 EAN 4065909013410 EAN 4065909013410 Packaging unit 1 Packaging unit 1	Side 2	
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EAN 4065909013410 Packaging unit 1 Packaging unit 1	customs tariff number	85444210
Packaging unit 1 Packaging unit 1	EAN	4065909013410
Packaging unit 1	EAN	4065909013410
	Packaging unit	1
Electrical data Supply	Packaging unit	1
	Electrical data Supply	



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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
Data transmission rate max.	10 GBit/s
	10 dbits
Diagnostics	
Status indication LED	no
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
Mechanical data Material data	
Material housing	PUR
Locking material	PA
Mechanical data Mounting data	
Looking techniques	Snap-in connector
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 strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Installation Cable	
wire arrangement	white, blue, white, orange, white, green, white, brown
Cable identification	578
Jacket Color	
	red
Amount stranding	red 4
Amount stranding Stranding	
	4
Stranding	4 2 wires twisted
Stranding Amount stranding (type 2)	4 2 wires twisted 1
Stranding Amount stranding (type 2) Stranding (type 2)	4 2 wires twisted 1 4 Stranded joints twisted
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type)	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket)	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath)	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 %
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 % FRNC
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 % FRNC 8
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Amount strands (wire)	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 % FRNC 8 7
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Amount strands (wire) Diameter of single wires	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 % FRNC 8 7 27 AWG
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 % FRNC 8 7 27 AWG 27 AWG
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 % FRNC 8 7 27 AWG 27 AWG Stranded copper wire, bare
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Min. operating temperature (static)	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 % FRNC 8 7 27 AWG 27 AWG Stranded copper wire, bare -20 °C
Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Amount strands (wire) Diameter of single wires Conductor crosssection (wire) Material conductor wire Min. operating temperature (static) Max. operating temperature (fixed)	4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 % FRNC 8 7 27 AWG 27 AWG Stranded copper wire, bare -20 °C 60 °C

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: 2025-06-05



Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic)	5 x Outer diameter