

RJ45 male 0° / RJ45 male 0° shielded

FRNC/LS0H 4x2xAWG26 shielded gn UL 100m

Art.No.: 7000-74712-4789999

Weight: 4.754 Country of origin: HU

Model designation: MSRAL0-RA-8p8c4789999

Ethernet CAT6A
Male straight – male straight
RJ45 – RJ45, 8-pole
shielded
with cable sleeves

Further cable lengths on request.

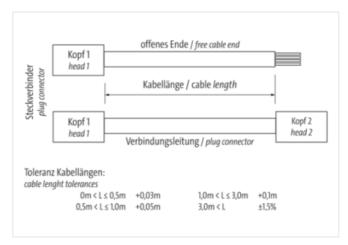
Plastic housings with good resistance against chemicals and oils.

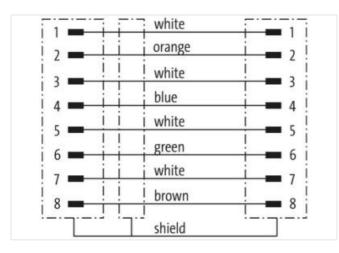
The resistance to aggressive media should be individually tested for your application. Further details on request.

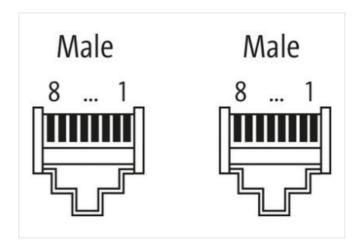
Link to Product

Illustration



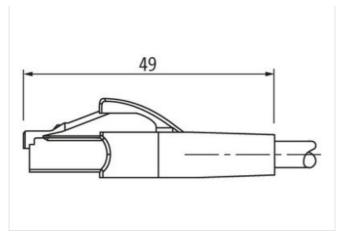








stay connected



Product may differ from Image













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-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307
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
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No. of poles 8
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 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307
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ECLASS-8.0 27060307
ECLASS 0.0 27060207
ECLASS-9.0 27000307
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 4065909025857
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Packaging unit 1
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 CLDIUS
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.
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Installation Cable	
	white, blue, white, orange, white, green, white, brown
wire arrangement Cable identification	white, blue, white, orange, white, green, white, brown 478
wire arrangement	478
wire arrangement Cable identification	
wire arrangement Cable identification Jacket Color	478 green
wire arrangement Cable identification Jacket Color Amount stranding	478 green 4
wire arrangement Cable identification Jacket Color Amount stranding Stranding	478 green 4 2 wires twisted
wire arrangement Cable identification Jacket Color Amount stranding Stranding Amount stranding (type 2)	478 green 4 2 wires twisted 1
wire arrangement Cable identification Jacket Color Amount stranding Stranding Amount stranding (type 2) Stranding (type 2)	478 green 4 2 wires twisted 1 4 Stranded joints twisted
wire arrangement Cable identification Jacket Color Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type)	478 green 4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare
wire arrangement Cable identification Jacket Color Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement	478 green 4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown
wire arrangement Cable identification Jacket Color Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket	478 green 4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC
wire arrangement Cable identification Jacket Color Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket)	478 green 4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm
wire arrangement Cable identification Jacket Color Amount stranding Stranding Amount stranding (type 2) Stranding (type 2) Cable shielding (type) wire arrangement Material jacket Outer-diameter (jacket) Tolerance outer diameter (sheath)	478 green 4 2 wires twisted 1 4 Stranded joints twisted copper braiding, bare white, blue, white, orange, white, green, white, brown FRNC 6 mm ± 5 %
wire arrangement Cable identification Jacket Color Amount stranding 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 Diameter of single wires	478 green 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
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wire arrangement Cable identification Jacket Color Amount stranding 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 Diameter of single wires Conductor crosssection (wire) Material conductor wire	green 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 26 AWG 26 AWG Stranded copper wire, bare
wire arrangement Cable identification Jacket Color Amount stranding 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 Diameter of single wires Conductor crosssection (wire) Material conductor wire Min. operating temperature (static)	green 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 26 AWG 26 AWG Stranded copper wire, bare -20 °C
wire arrangement Cable identification Jacket Color Amount stranding 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 Diameter of single wires Conductor crosssection (wire) Material conductor wire Min. operating temperature (static) Max. operating temperature (fixed)	green 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 26 AWG 26 AWG Stranded copper wire, bare -20 °C 60 °C
wire arrangement Cable identification Jacket Color Amount stranding 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 Diameter of single wires Conductor crosssection (wire) Material conductor wire Min. operating temperature (fixed) Operating temperature min. (dynamic)	478 green 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 26 AWG 26 AWG Stranded copper wire, bare -20 °C 60 °C 0 °C
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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



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