

RJ45 male 0° / RJ45 male 0° shielded

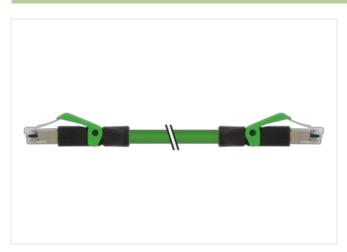
PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 13m

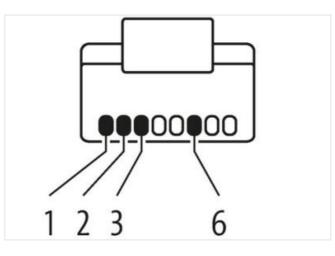
Art.No.: 7000-74301-7961300 Weight: 0.84 Country of origin: DE Model designation: MSRAL0-RA-8P4C796_13.0

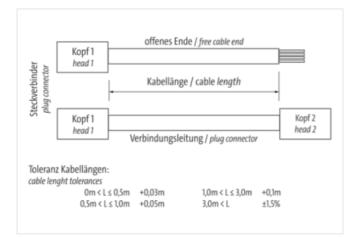
Product fulfills requirements according to UN/ECE R118 Ethernet CAT5 Male straight – male straight RJ45 – RJ45, 4-pole shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

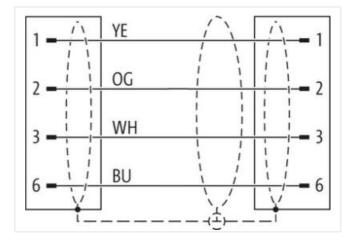
Link to Product

Illustration



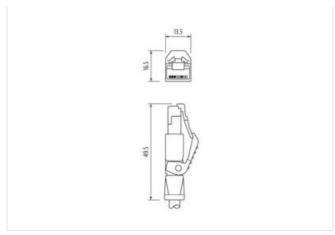






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Product may differ from Image



Cable length	13 m
Side 1	
Mounting method	pluggable
Family construction form	RJ45
Gender	male
Cable outlet	straight
Material	PUR
No. of poles	4
Degree of protection (EN IEC 60529)	IP20
Side 2	
Mounting method	pluggable
Family construction form	RJ45
Gender	male
Cable outlet	straight
Material	PUR
No. of poles	4
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	EC002599
customs tariff number	85444210
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EAN	4048879482844
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Packaging unit	1

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Packaging unit 1 Electrical data Supply Operating voltage DC max. 60 V Current operating per contact max. 1,5 A Industrial communication Transfer parameters CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) Data transmission rate max. Industrial communication Ethernet functionality Industrial communication Ethernet functionality duplex Full duplex Full duplex Device protection Electrical Pollution Degree 3 Pollution Degree 3 Rated surge voltage 1 kV Material group (IEC 60664-1) 1 Industrial data Industrial data Contour for corrugated hose without Mechanical data Industrial data Locking material PA PA Industrial data Industrial data Locking material PA S° C Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes 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 strain relie			
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wire arrangement white, yellow, blue, orange Cable identification 796			
Cable identification 796			
Jacket Color green			
u de la construcción de la const			
Type of Certificate cURus			
Amount stranding 1			
Stranding 4 wires around Core filler twisted			
Cable shielding (type) copper braid, tinned			
Cable shielding (coverage) 85 %			
Banding Fleece, Foil			
Filler yes			
wire arrangement white, yellow, blue, orange			
Cable weigth 69,3 g/m			
Material jacket PUR			
Shore hardness jacket 89 Shore A			
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free			
Outer-diameter (jacket) 6,7 mm			
Tolerance outer diameter (sheath)± 5 %			
Material inner jacket FRNC			
Color (inner jacket) natural			
Material wire insulation PE			
Amount wires 4			
Outer diameter insulation 1,4 mm			

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Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	65 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	50000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Isolation resistance	5000 MΩ × km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °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 (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	3 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m

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