

RJ45 male 0° / RJ45 male 90° left shielded

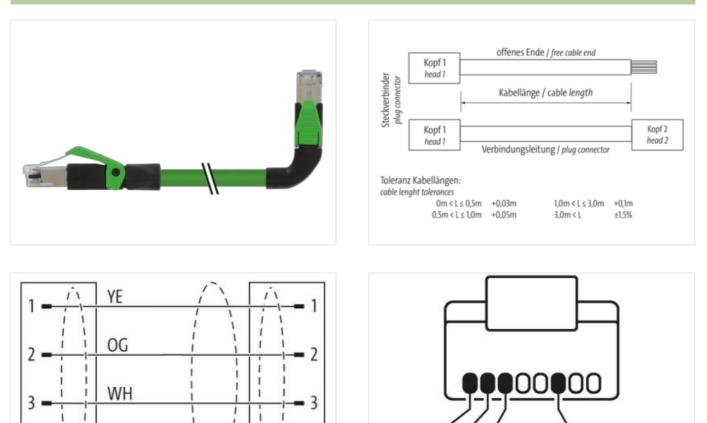
PVC 1x4xAWG22 shielded gn UL/CSA+drag ch. 15m

Art.No.: 7000-74367-8001500 Weight: 1.029 Country of origin: DE Model designation: MSRAL0-RB-8p4c800 15.0

Ethernet CAT5 Male straight – male 90° left RJ45 – RJ45, 4-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



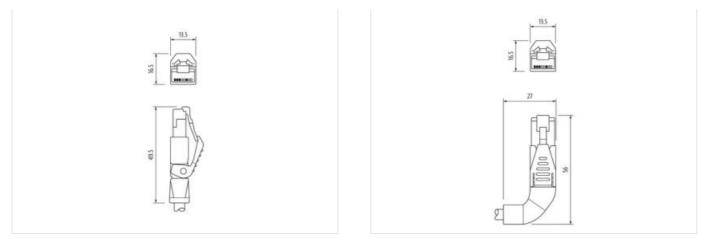
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Product may differ from Image

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lackaging unit 1	EAN	4048879668187					
	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.	100 MBit/s		
Industrial communication Ethernet funct	ionality		
duplex	Full duplex		
Device protection Electrical			
Additional condition protection degree	inserted		
Pollution Degree	3		
Rated surge voltage	1 kV		
Material group (IEC 60664-1)			
Mechanical data			
Contour for corrugated hose	without		
Mechanical data Material data			
Locking material	PA		
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.		
Conformity			
Product standard	according to IEC 60603-7 (RJ45)		
Installation Cable			
wire arrangement	orange, white, yellow, blue		
Cable identification	800		
Function cable	Data		
Jacket Color	green		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	4 wires around Filler star-shaped twisted		
Cable shielding (type)	copper braid, tinned		
Cable shielding (coverage)	85 %		
Banding	Foil		
Filler	yes		
wire arrangement	orange, white, yellow, blue		
Cable weigth	73,7 g/m		
Material jacket	PVC		
Shore hardness jacket	85 ± 5 Shore A		
Freedom from ingredients (jacket)	lead-free, CFC-free		
Outer-diameter (jacket)	6,6 mm		
Tolerance outer diameter (sheath)	±5%		
Material inner jacket	FRNC		
Color (inner jacket)	natural		
			
Material wire insulation Amount wires	PE		

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Outer diameter insulation	1,53 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	30 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	60 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1 kV @ 60 s
Electrical capacity line constant (wire - wire)	55000 pF/km
Power frequency withstand voltage (wire - jacket)	1 kV @ 60 s
AC withstand voltage (wire - shield)	1 kV @ 60 s
Isolation resistance	2000 MΩ × km
Loop resistance	124 Ω/km
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	℃ 08
Operating temperature min. (dynamic)	-10 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C

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