

RJ45 male 90° left with cable shielded

PUR 2x2xAWG22 shielded gn UL/CSA 4m

Art.No.: 7000-74261-7940400

Weight: 0.319

Country of origin: DE

Model designation: MSRBL0-8p4c794_4.0

Ethernet CAT5

Male RJ45

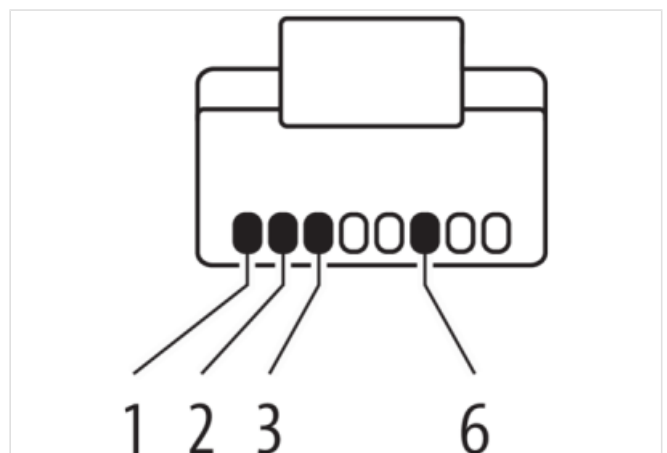
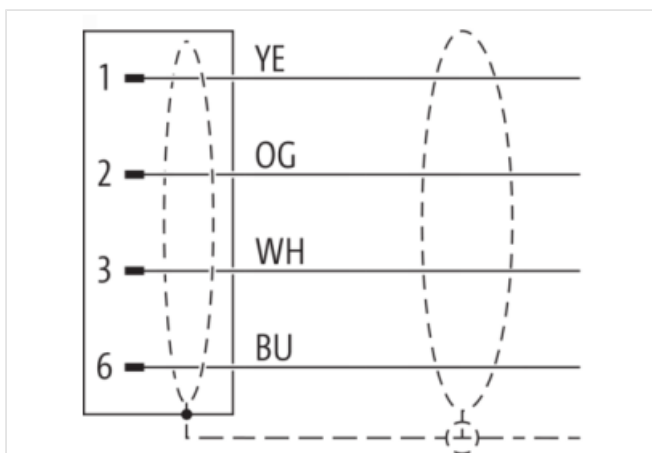
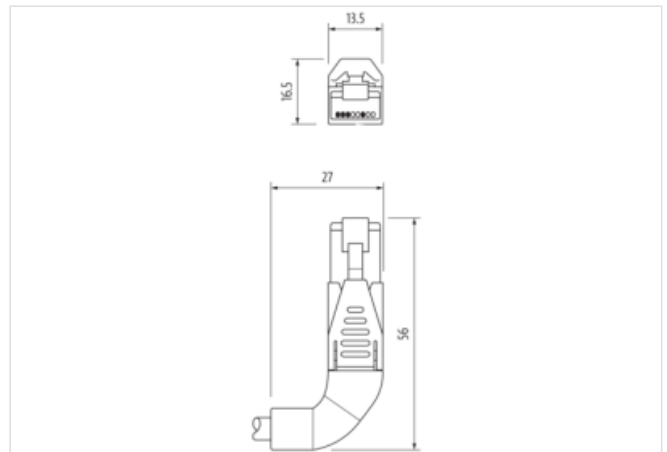
90° left

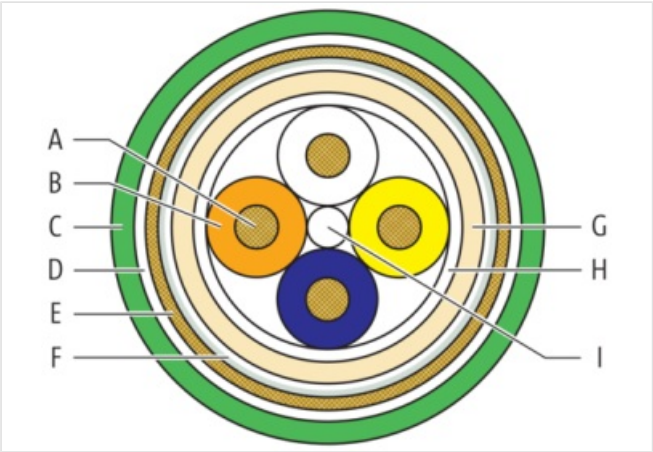
shielded

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**



Product may differ from Image



Header	
Material short text	MSRBL0-8p4c794_4.0
Cable length	4,00 m
Side 1	
Family construction form	RJ45
No. of poles	4
Gender	male
Mounting method	inserted
Cable outlet	angled
Side 2	
Family construction form	Free cable end
Stripping length (jacket)	20 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-74261-7940400
GTIN	4065909002674
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307

ECLASS-7.1	27060307
ECLASS-8.0	27060307
ECLASS-8.1	27060307
ECLASS-9.0	27060307
ECLASS-9.1	27060307
ECLASS-10.0.1	27060307
ECLASS-10.1	27060307
ECLASS-11.0	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ECLASS-13.0	27060307
ECLASS-14.0	27060307
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444210
EAN	4065909002674
Packaging unit	1

Electrical data | Supply

Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A

Industrial communication

Data transmission rate max.	100 Mbit/s
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)

Industrial communication | Ethernet functionality

duplex	Full duplex
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Diagnostics

Status indication LED	no
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	I

Mechanical data

Contour for corrugated hose	without
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Mechanical data | Material data

Material housing	PUR
Locking material	PA

Mechanical data | Mounting data

Looking techniques	Snap-in connector
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Environmental characteristics | Climatic

Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Important installation notes

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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

Conformity

Product standard EN IEC 60603-7 (RJ45)

Installation Cable	
Cable identification	794
Function cable	Data
Amount stranding	1
Stranding	4 wires around core filler star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
Cable weight	68,97 g/m
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,55 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	65 ± 5 Shore D
Ingredient freeness wire insulation	CFC-free, halogen-free, lead-free
Amount strands (wire)	7
Diameter of single wires	30 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)	6,7 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	89 ± 5 Shore A
Freedom from ingredients (jacket)	CFC-free, cadmium-free, silicone-free, halogen-free, lead-free
Material property (jacket)	matte, good machinability, abrasion-resistant, low adhesion
Material inner jacket	FRNC
Color (inner jacket)	white
Conductor resistance (wire)	55.4 Ω/km @ 20 °C
Electrical capacity line constant (wire - wire)	52.000 pF/km
Isolation resistance	5.000 MΩ × km
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Withstand voltage (wire - shield)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 %
Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	60 °C
Flame resistance	UL 1581 § 1060, UL 1581 § 1090, UL 1581 § 1100
Oil resistance	IEC 60811-404, NEMA WC55, IRM 901, IRM 902
Ozone resistance	IEC 60811-403
UV resistance	UL 1581 § 1200
Other resistances	resistant to hydrolysis, resistant to microbes, MUD-resistant (NEK 606)
Bending radius (fixed)	6 × Outer diameter
Bending radius (dynamic)	12 × Outer diameter