

M8 male 0° A-cod. / RJ45 male 90° up shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 0.2m

Art.No.: 7000-89737-7910020

Weight: 0.026 kg

Country of origin: DE

Model designation: MSRDL0-H-*791_0.2

Ethernet CAT5

Male straight – male 90° on top

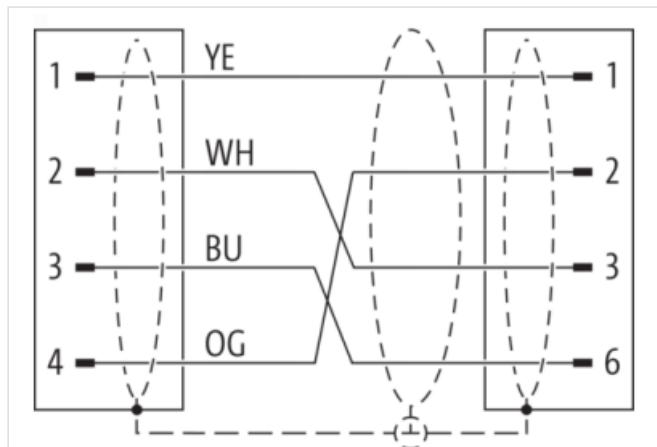
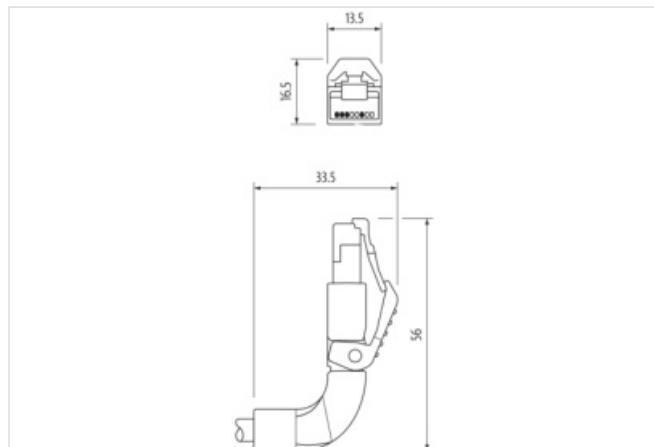
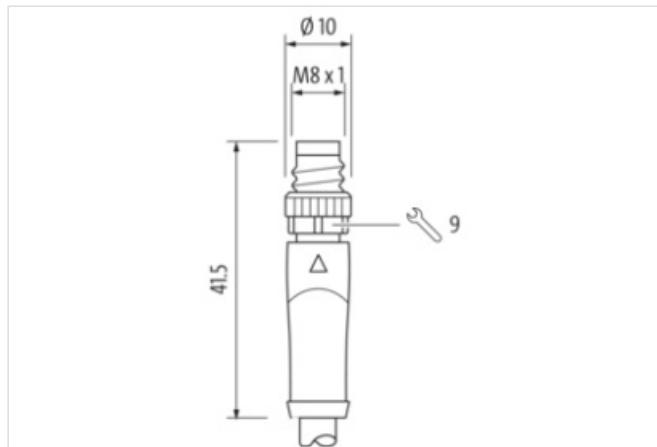
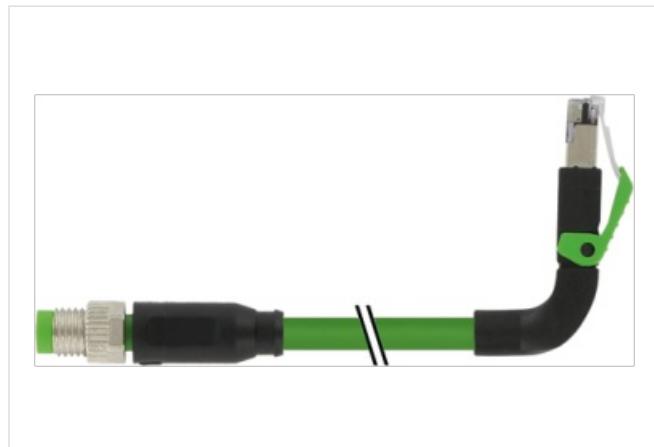
M12 – RJ45, 4-pole

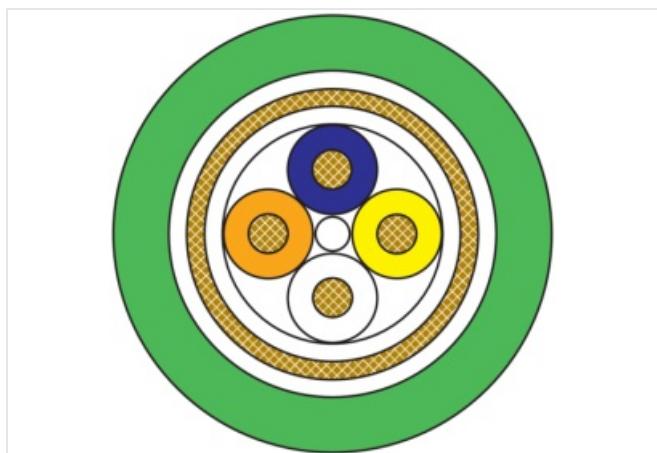
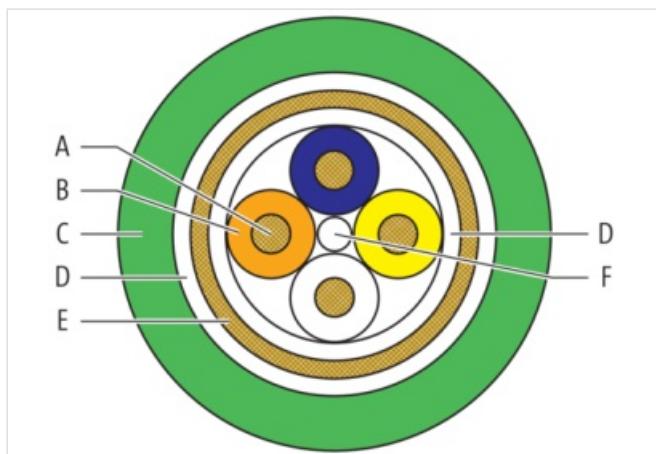
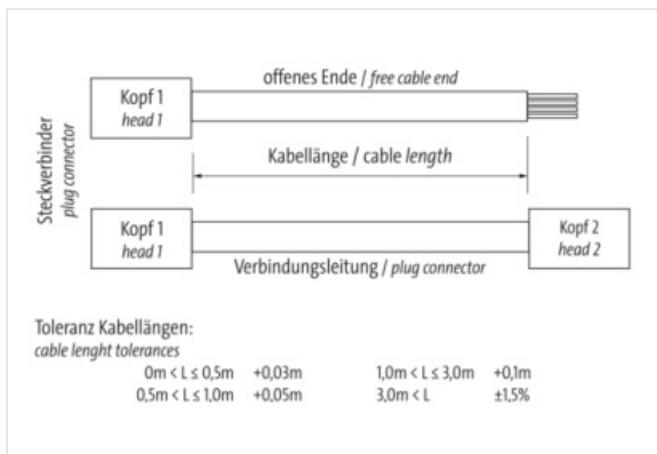
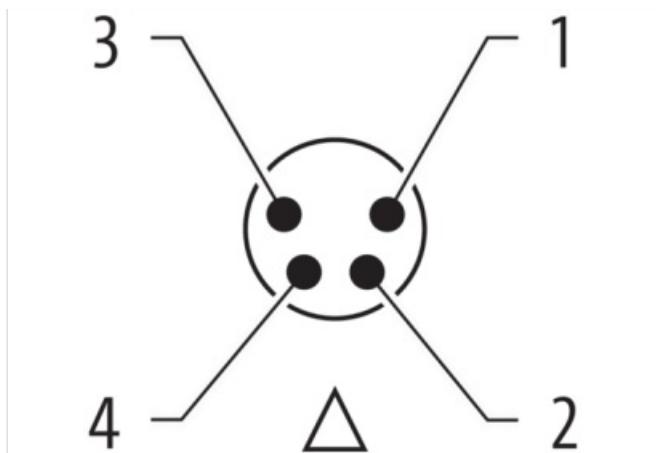
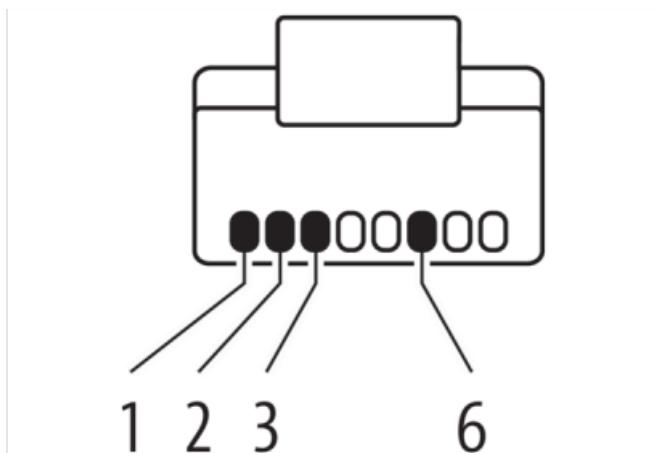
Shielded

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**



Product may differ from Image



Header

Material short text

MSRDL0-H-*791_0.2

Cable length

0,20 m

Side 1

The information in this Product-PDF has been compiled with the utmost care.

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Liability for the correctness, completeness and topicality of the information is restricted to gross negligence. Version: 2026-02-08

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com

Family construction form	M8
No. of poles	4
Coding	A
Gender	male
Mounting method	inserted, screwed
Threaded hole	M8 x 1
Tightening torque	0,4 Nm
Width across flats	SW9
Cable outlet	straight
suitable for corrugated tube (internal Ø)	8,5 mm
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65

Side 2

Family construction form	RJ45
No. of poles	4
Gender	male
Mounting method	pluggable
Cable outlet	angled
Degree of protection (EN IEC 60529)	IP20

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-89737-7910020
GTIN	4048879699358
ECLASS-6.0	27279221
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	EC002599
ETIM-6.0	EC002599
ETIM-7.0	EC002599
ETIM-8.0	EC002599
customs tariff number	85444290
EAN	4048879699358

Packaging unit	1
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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

Diagnostics

Status indication LED No

Device protection | Electrical

Pollution Degree 3

Rated surge voltage 1 kV

Material group (IEC 60664-1) I

Mechanical data | Material data

Material housing PUR

Color housing black

Color contact carrier green

Locking material Brass

Coating locking nickel plated

Mechanical data | Mounting data

Mounting method inserted, screwed, Shaking protection

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 61076-2-104 (M8), EN IEC 60603-7 (RJ45)

Installation | Cable

Cable identification 791

Function cable Data

Amount stranding 1

Stranding Wires

Cable shielding (type) copper braid, tinned

Cable shielding (coverage) 85 %

Banding Fiber tape, Fleece, Foil

Filler Yes

Cable weight 34 g/m

Material wire insulation PP

Amount wires 4

Outer diameter insulation 1,04 mm

Outer diameter tolerance core insulation $\pm 0,05$ mmShore hardness wire insulation 55 \pm 3 Shore D

Ingredient freeness wire insulation CFC-free, halogen-free, lead-free

Amount strands (wire) 19

Diameter of single wires 38 AWG

Conductor crosssection (wire) 26 AWG

Material conductor wire Stranded copper wire, bare

Outer-diameter (jacket) 4,9 mm

Tolerance outer diameter (sheath) ± 5 %

Material jacket PUR

Shore hardness jacket 90 \pm 3 Shore A

Freedom from ingredients (jacket) CFC-free, halogen-free, lead-free

Conductor resistance (wire)	140 Ω/km
Electric capacitance	51.000 pF/km
Isolation resistance	5.000 MΩ × km
Nominal voltage max.	125 V
Withstand voltage (wire - wire)	0.7 kV @ 60 s
Withstand voltage (wire - jacket)	0.7 kV @ 60 s
Withstand voltage (wire - shield)	0.7 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	2,4 A
Characteristic impedance	100 Ω 15 MHz
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Bending radius (fixed)	7.5 × Outer diameter
Bending radius (dynamic)	12.5 × Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	5 m/s² @ 25 °C