RJ45 male 0° / RJ45 male 0° shielded

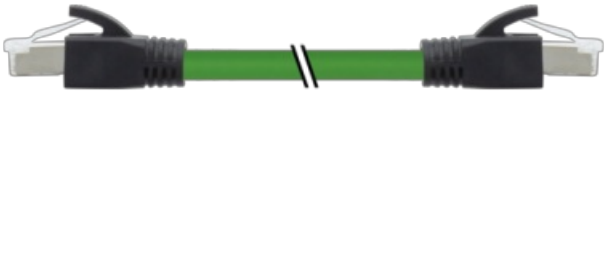
PUR 4x2xAWG24 shielded gn UL/CSA 5m

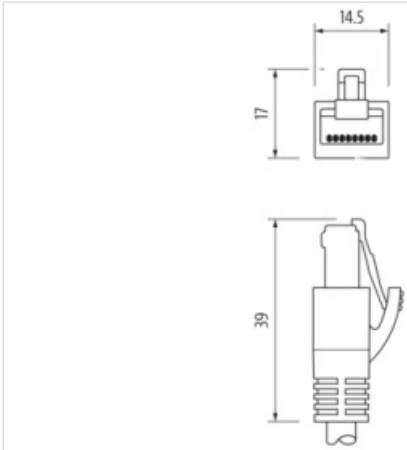
Art.No.: 7000-74331-8260500
Weight: 0.607
Country of origin: HU
Model designation: MSRAL0-RA-8p8c826_5.0

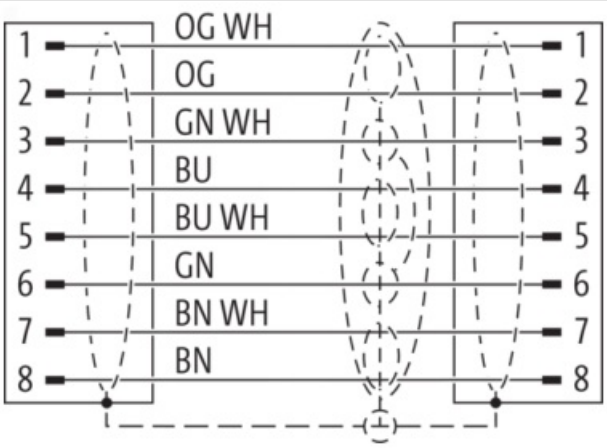
Ethernet
Male straight – male straight
RJ45 – RJ45, 8-pole
shielded
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

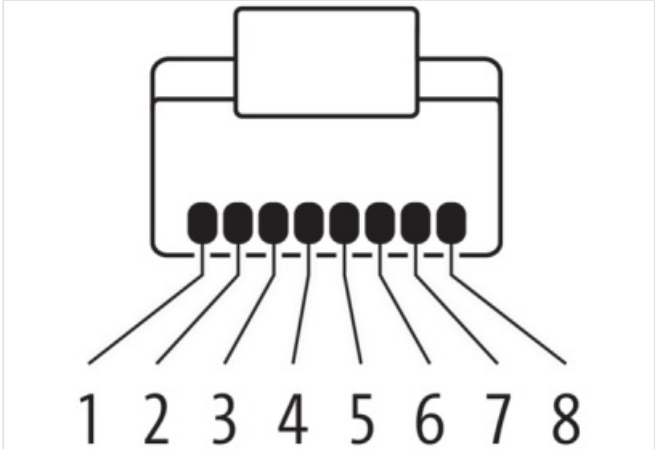
Link to Product

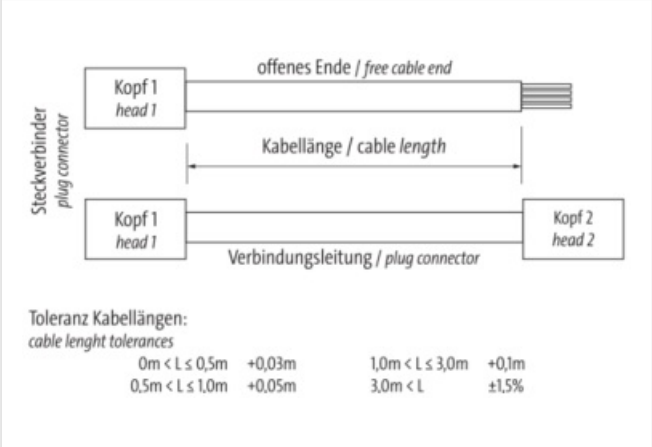
Illustration

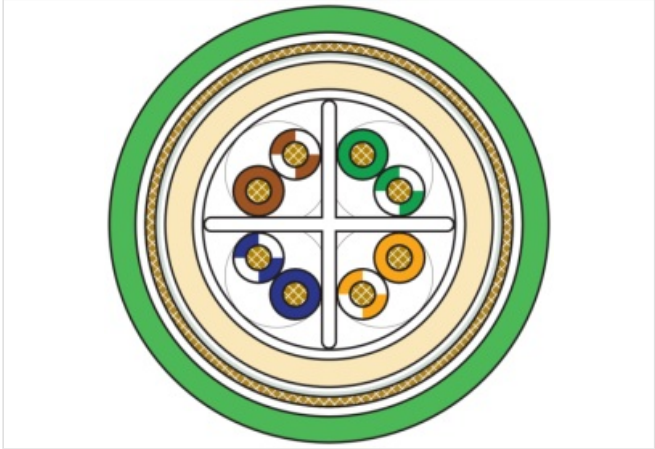


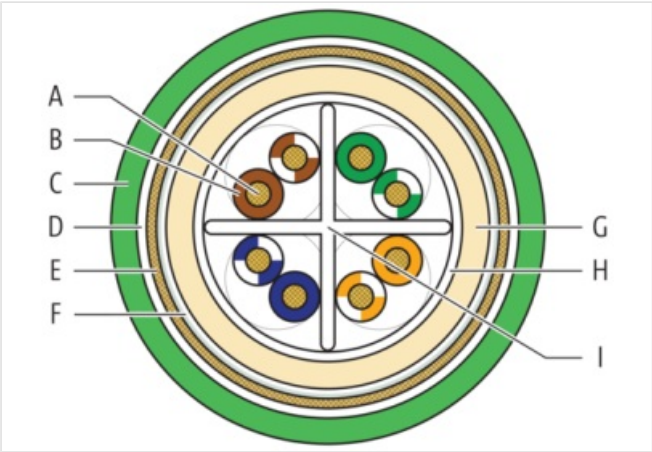












Product may differ from Image

Header	
Material short text	MSRAL0-RA-8p8c826_5.0
Cable length	5,00 m
Side 1	
Family construction form	RJ45
No. of poles	8
Gender	male
Mounting method	inserted
Cable outlet	straight
Degree of protection (EN IEC 60529)	IP20
Side 2	
Family construction form	RJ45
No. of poles	8
Gender	male
Mounting method	inserted
Cable outlet	straight
Degree of protection (EN IEC 60529)	IP20
Commercial data	

MURR ELEKTRONIK
stay connected

URL Webshop	https://shop.murrelektronik.com/7000-74331-8260500
GTIN	4048879853637
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	EC002599
ETIM-6.0	EC002599
ETIM-7.0	EC002599
ETIM-8.0	EC002599
customs tariff number	85444210
EAN	4048879853637
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.	10 Gbit/s
Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Diagnostics	
Status indication LED	no
Mechanical data	
Contour for corrugated hose	without
Mechanical data | Mounting data	
Looking techniques	Snap-in connector
Environmental characteristics | Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	55 °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.
Installation | Cable	
Cable identification	826
Amount stranding	4
Stranding	Wires
Stranding (type 2)	Stranded joints
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %

stay connected

Banding	Fleece, Foil
Filler	Insulation element
Cable weigth	106 g/m
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,05 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	61 ± 3 Shore D
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)	8,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 3 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	TPE-V
Color (inner jacket)	natural
Conductor resistance (wire)	87.6 Ω/km @ 20 °C
Electrical capacity line constant (wire - wire)	52.000 pF/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	3 A
Characteristic impedance	100 Ω 15 MHz
Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °C
Bending radius (fixed)	8 × Outer diameter
Bending radius (dynamic)	15 × 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 m/s @ 25 °C
Acceleration (C-track)	3 m/s² @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	180 °C