RJ45 male 0° / RJ45 male 0°, Gigabit

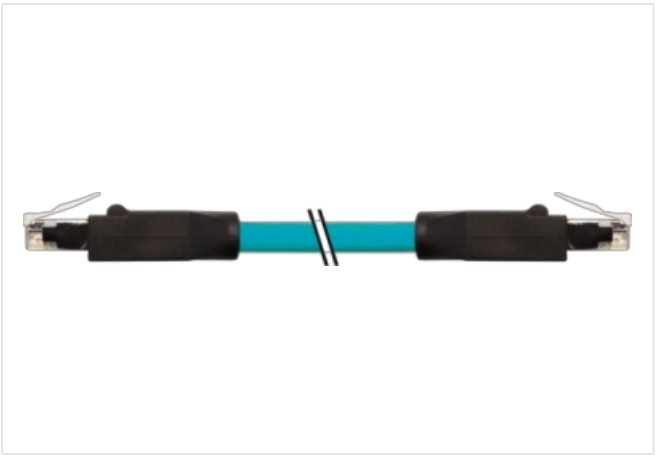
TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 3m

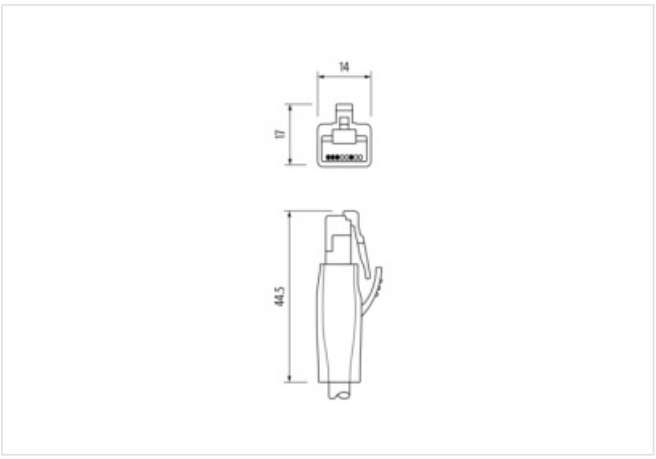
Art.No.: 7700-74718-S4W0300
Weight: 0.226 kg
Country of origin: HU
Model designation: MSRAL0-RA-8p8cS4W_3.0

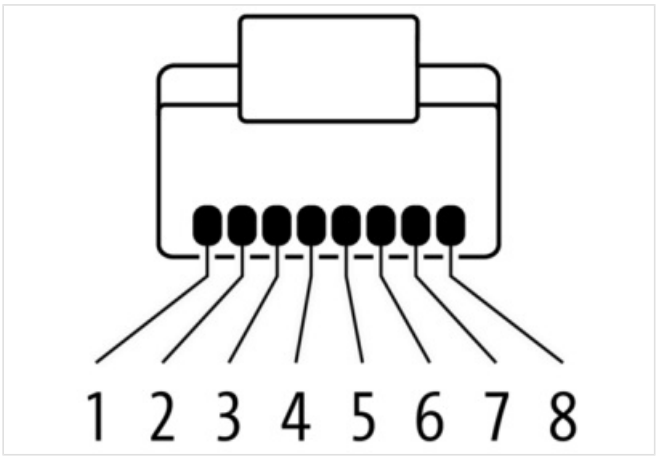
Ethernet CAT5e
Male straight – male straight
RJ45 – RJ45, 8-pole
without cable sleeves
Shielded
Protection cap
Further cable lengths on request.
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

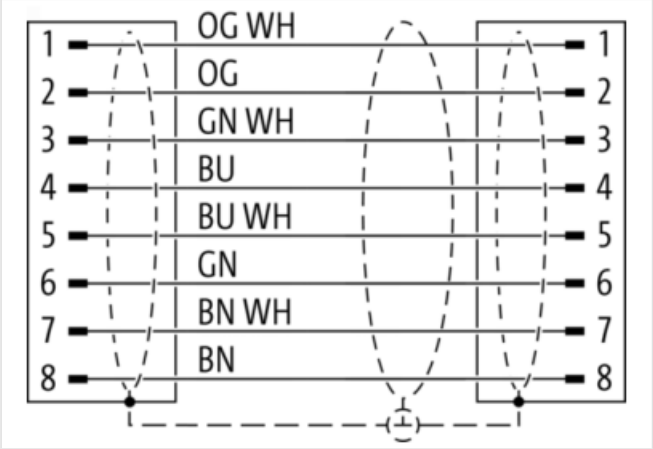
Illustration

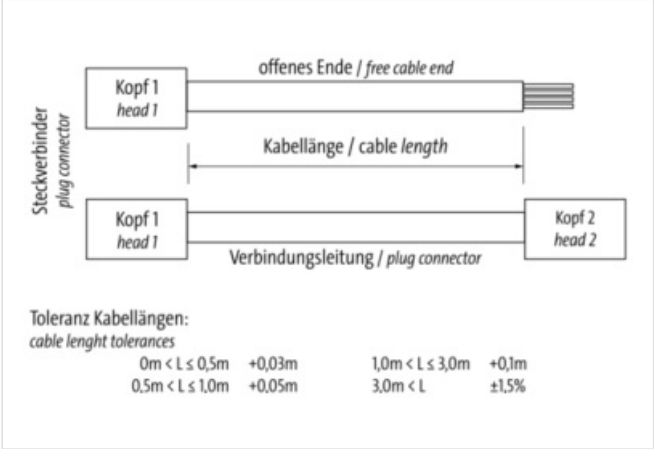


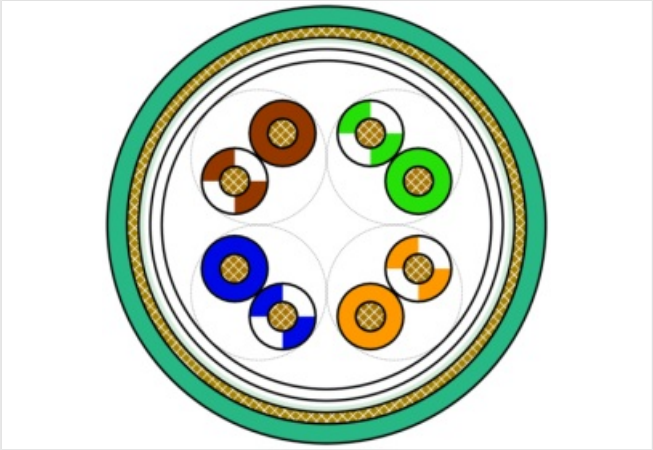




MURR ELEKTRONIK
stay connected







Product may differ from Image

Cable length	3,00 m
Side 1	
Family construction form	RJ45
No. of poles	8
Gender	male
Mounting method	inserted, screwed
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, screwed
Cable outlet	straight
Degree of protection (EN IEC 60529)	IP20
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7700-74718-S4W0300

MURR ELEKTRONIK
stay connected

GTIN	4048879661188
Customs tariff number	85444210
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	4048879661188
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.	1 Gbit/s
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Diagnostics	
Status indication LED	No
Installation | Pin assignment	
Configuration	fully used
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
Mechanical data | Material data	
housing	PUR
Color housing	black
Locking material	PA
Mechanical data | Mounting data	
Mounting method	inserted, screwed
Looking techniques	Snap-in connector
Environmental characteristics | Climatic	

MURR ELEKTRONIK
stay connected

Operating temperature min.	-25 °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.
Installation | Cable	
Cable identification	S4W
Function cable	Data
Cable weigth	68 g/m
UL AWM Style	2463 / 758
Stranding	4 × 2 wires stranded
Stranding (type 2)	1 × 4 stranding combinations stranded
Banding	Foil
Wire arrangement	(OGWH, OG), (BUWH, BU), (BNWH, BN), (GNWH, GN)
Material wire insulation	HDPE
Amount wires	8
Outer diameter insulation	1.17 mm ± 0.05 mm
Conductor crosssection (wire)	24 AWG
Material conductor wire	copper stranded wire, tinned
Core construction (wire)	7
Ingredient freeness wire insulation	lead-free, CFC-free
Material jacket	TPE
Outer-diameter (jacket)	7.6 mm ± 5 %
Jacket Color	blue / RAL 5018
Freedom from ingredients (jacket)	lead-free, CFC-free
Conductor resistance (wire)	76.4 Ω/km @ 20 °C
Nominal voltage max.	600 V
Current load capacity max. (wire)	2 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-40 °C … 80 °C
Operating temperature (dynamic)	-40 °C … 80 °C
Bending radius (fixed)	4 × Outer diameter
Bending radius (dynamic)	15 × Outer diameter
No. of bending cycles (C-track)	1 Mio. @ 25 °C
No. of torsion cycles	3 Mio. @ 25 °C
Torsion stress	± 270 °/m