

## RJ45 male 0° / RJ45 male 0°, Gigabit

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 7,5m

Art.No.: 7700-74718-S4W0750

Weight: 0.910 kg Country of origin: HU

Model designation: MSRAL0-RA-8p8cS4W 7.5

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.

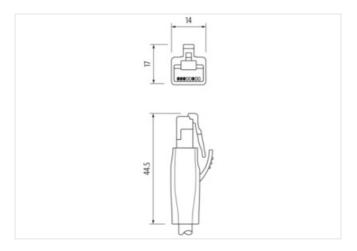
The resistance to aggressive media should be individually tested for your application. Further details on request.

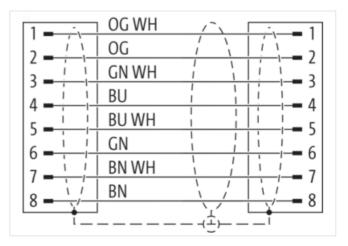
## **Link to Product**

## Illustration



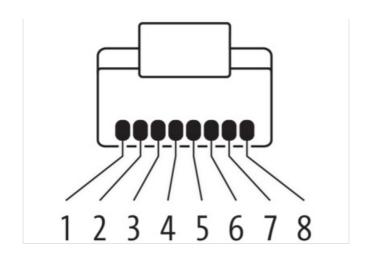


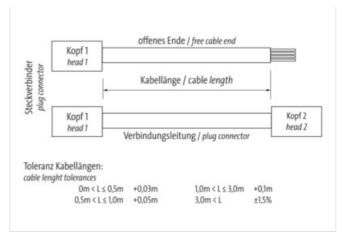


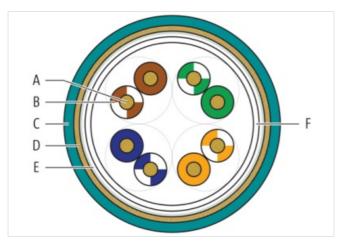


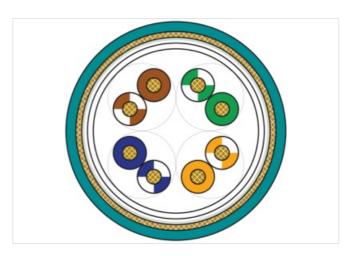


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Product may differ from Image











EtherNet/IP

Header	
Material short text	MSRAL0-RA-8p8cS4W_7.5
Cable length	7,50 m
Side 1	
Family construction form	RJ45
No. of poles	8
Gender	male
Mounting method	inserted, screwed
Cable outlet	straight
Side 2	
Family construction form	RJ45
No. of poles	8
Gender	male
Mounting method	inserted, screwed
Cable outlet	straight
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7700-74718-S4W0750
GTIN	4048879661225



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F01 400 0 0	07001004
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	4048879661225
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	
Material housing	PUR
Color housing	black
Locking material	PA PA
	1/1
Mechanical data   Mounting data	Coop in connector
Looking techniques  Environmental characteristics   Climatic	Snap-in connector
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
ormation in this Product-PDF has been compiled with the	utmost care

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-12-13



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Note on bending radius	<b>Attention:</b> 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
Amount stranding	4
Stranding	2 wires stranded
Amount stranding (type 2)	1
Stranding (type 2)	4 stranding combinations stranded
Banding	Foil
Cable weigth	68 g/m
Material wire insulation	HDPE
Amount wires	8
Outer diameter insulation	1,17 mm
Outer diameter tolerance core insulation	± 0,05 mm
Ingredient freeness wire insulation	CFC-free, lead-free
Amount strands (wire)	7
Diameter of single wires	32 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	copper stranded wire, tinned
Outer-diameter (jacket)	7,6 mm
Tolerance outer diameter (sheath)	±5%
Material jacket	TPE
Shore hardness jacket	80 ± 5 Shore A
Freedom from ingredients (jacket)	CFC-free, lead-free
Conductor resistance (wire)	76.4 Ω/km @ 20 °C
Nominal voltage AC max.	600 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	80 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	0° 08 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °C
Bending radius (fixed)	4 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	1 Mio. @ 25 °C
No. of torsion cycles	3 Mio. @ 25 °C
Torsion stress	270 °C