

RJ45 male 45° left / RJ45 male 45° left shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 3m

Art.No.: 7000-74541-7960300

Weight: 0.213 Country of origin: DE

Model designation: MSRFL0-RF-8p4c796 3.0

Product fulfills requirements according to UN/ECE R118

Ethernet CAT5

 $\label{eq:male 45° left - male 45° left} $$\operatorname{Male 45^{\circ} left}$$ RJ45 - RJ45, 8/4-pole$

shielded

Further cable lengths on request.

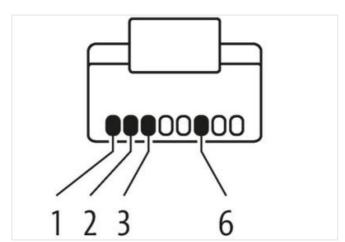
Plastic housings with good resistance against chemicals and oils.

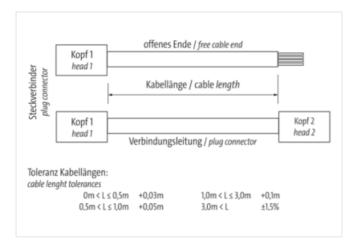
The resistance to aggressive media should be individually tested for your application. Further details on request.

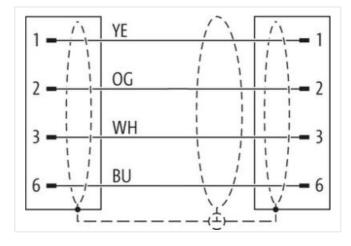
Link to Product

Illustration



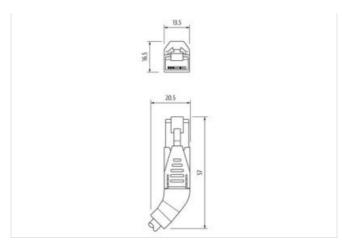








stay connected



Product may differ from Image















Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Side 2 Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Side 2 Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.1 27060307 ECLASS-14.1 27060307 ECLASS-15.5 27060307 ECLASS-15.6 27060307 ECLASS-10.1 27060307 ECLASS-	Cable length	3 m
Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Side 2 Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060907 ECLASS-7.0 27060907 ECLASS-7.0 27060907 ECLASS-1.1 27060907 ECLASS-1.1.1 27060907 ECLASS-1.1.1 27060907 ECLASS-1.2.0 27060907 ETIM-5.0 EC002599 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	Side 1	
Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Side 2 Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 2002599 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377 <td>Mounting method</td> <td>pluggable</td>	Mounting method	pluggable
Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Side 2 Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 2000307 ECLASS-12.0 2000307 ECLASS-12.0 2000307 ECLASS-10.1 2000307 ECLASS-10.1 2000307 </td <td>Family construction form</td> <td>RJ45</td>	Family construction form	RJ45
Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Side 2 Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECIASS-12.0 85444210 customs tariff number 85444210 customs tariff number 85444210 customs tariff number 8544210 EAN 4048879636377 EAN 4048879636377	Gender	male
No. of poles 4 Degree of protection (EN IEC 60529) IP20 Side 2 Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 85444210 customs tariff number 85444210 customs tariff number 8544210 EAN 4048879636377 EAN 4048879636377	Cable outlet	angled
Degree of protection (EN IEC 60529) IP20	Material	PUR
Side 2 Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECIMS-12.0 27060307 ECIMS-17.0 EC002599 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	No. of poles	4
Mounting method pluggable Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-15.0 27060307 ECLASS-12.0 27060307 ECIMS-15.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	Degree of protection (EN IEC 60529)	IP20
Family construction form RJ45 Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	Side 2	
Gender male Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	Mounting method	pluggable
Cable outlet angled Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	Family construction form	RJ45
Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	Gender	male
No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	Cable outlet	angled
Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	Material	PUR
Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	No. of poles	4
ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 4060307	Degree of protection (EN IEC 60529)	IP20
ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	Commercial data	
ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	ECLASS-6.0	27061801
ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	ECLASS-6.1	27060307
ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	ECLASS-7.0	27060307
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	ECLASS-8.0	27060307
ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	ECLASS-9.0	27060307
ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	ECLASS-10.1	27060307
ETIM-5.0 EC002599 customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	ECLASS-11.1	27060307
customs tariff number 85444210 customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	ECLASS-12.0	27060307
customs tariff number 85444210 EAN 4048879636377 EAN 4048879636377	ETIM-5.0	EC002599
EAN 4048879636377 EAN 4048879636377	customs tariff number	85444210
EAN 4048879636377	customs tariff number	85444210
	EAN	4048879636377
Packaging unit 1	EAN	4048879636377
	Packaging unit	1



stay connected

De al casina conit	
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet func	tionality
duplex	Full duplex
Device protection Electrical	
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	
Mechanical data	
	with out
Contour for corrugated hose	without
Mechanical data Material data	
Locking material	PA
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Conformity	
Product standard	according to IEC 60603-7 (RJ45)
Installation Cable	
wire arrangement	white, yellow, blue, orange
Cable identification	796
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	white, yellow, blue, orange
Cable weigth	69,3 g/m
Material jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,7 mm
Tolerance outer diameter (sheath)	± 5 %
Material inner jacket	FRNC
Color (inner jacket)	natural
Material wire insulation	PE
Amount wires Outer diameter insulation	1,4 mm

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: 2025-06-05



Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	65 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	50000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Isolation resistance	5000 MΩ × km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of bending cycles (C-track)	3 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m