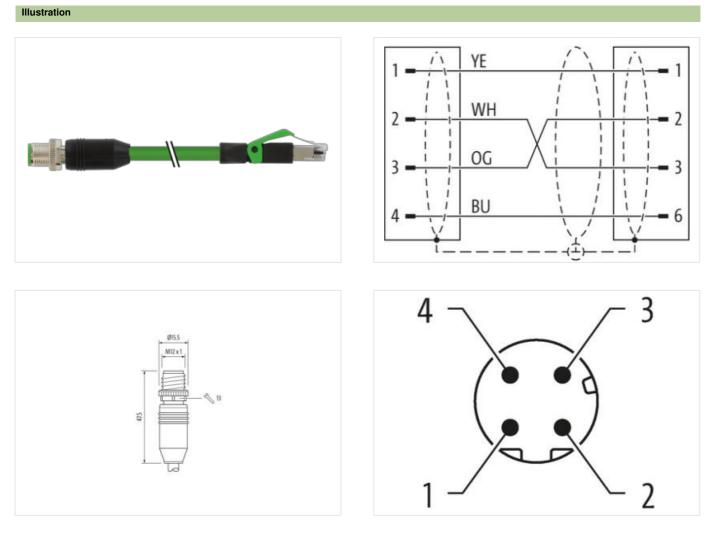


M12 male 0° D-cod. / RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 25m

Product fulfills requirements according to UN/ECE R118 Male straight – male straight M12 – RJ45, 4-pole D-coded shielded Ethernet CAT5 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.

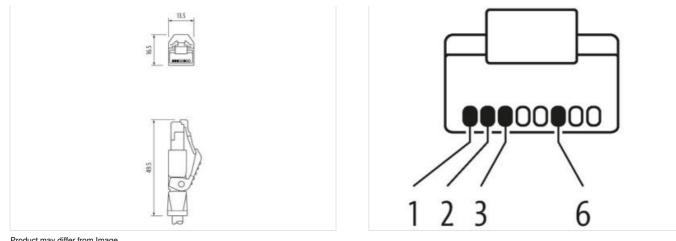
Link to Product



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: 2024-05-18

Murrelektronik GmbH | Office Park 4, 4.0G/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at





Product may differ from Image



Side 1 Tightening torque 0.6 km Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Cable outlet straight Coding D Material PUR No. of poles 4 Width across flats SW13 Dagree of protection (EN IEC 60529) IP67 Side 2 Mounting method plugable Family construction form RJ45 Cable outlet straight Material PUR No. of poles 4 Mounting method plugable Family construction form RJ45 Cable outlet straight Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial dats Z7060307 ECLASS-6.0 27060307 ECLASS-7.0 27060307 ECLASS-8.1 27060307 ECLASS-8.0 270	Cable length	25 m	
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Cable cuttel straight Coding D Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Mounting method pluggable Family construction form RJ45 Cable outlet straight Material PUR No. of poles 4 Meterial PUR No. of poles 4 Cable outlet straight Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.0 27060307 ECLASS-6.0 ECLASS-8.0 27060307 ECLASS-8.0 ECLASS-8.0 27060307 ECLASS-8.0 ECLASS-8.0.1 27060307	Side 1		
Family construction form M12 Thread M12 x 1 Cable outlet straight Coding D Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Mounting method pluggable Family construction form RJ45 Cable outlet straight Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data 27060307 ECLASS 6.0 27061801 ECLASS 7.0 27060307 ECLASS 7	Tightening torque	0,6 Nm	
Thread M12 x 1 Cable oullet straight Coding D Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Mounting method plugable Family construction form RJ45 Cable oullet straight Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Cable oullet straight Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data 27060307 ECLASS-6.0 27061801 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-7.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2.0	Mounting method	inserted, screwed	
Cable outlet straight Coding D Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Person Mounting method plugable Family construction form RJ45 Cable outlet straight Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1	Family construction form	M12	
Coding D Material PUR No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Mounting method pluggable Family construction form RJ45 Cable outlet straight 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-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-13.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 <t< td=""><td>Thread</td><td>M12 x 1</td></t<>	Thread	M12 x 1	
Material PUR No. of poles 4 Widh across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2	Cable outlet	straight	
No. of poles 4 Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 Mounting method pluggable Family construction form RJ45 Cable outlet straight Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-6.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1	Coding	D	
Width across flats SW13 Degree of protection (EN IEC 60529) IP67 Side 2 IP67 Mounting method pluggable Family construction form RJ45 Cable outlet straight 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-11.1 27060307 ECLASS-12.0 27060307 ECLASS-13.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-13.1 27060307 ECLASS-14.2 27060307 ECLASS-15.2 27060307 ECLASS-10.1 2706030	Material	PUR	
Degree of protection (EN IEC 60529) IP67 Side 2 Mounting method plugable Family construction form RJ45 Cable outlet straight 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-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1	No. of poles	4	
Side 2 Mounting method pluggable Family construction form RJ45 Cable outlet straight 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-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.2 ECO25599 custorns tariff number	Width across flats	SW13	
Mounting method pluggable Family construction form RJ45 Cable outlet straight 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-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-8.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.2 ECI002599 customs tariff number 85444290 GTIN 4048879140843	Degree of protection (EN IEC 60529)	IP67	
Family construction form RJ45 Cable outlet straight Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.2 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ETIM-5.0 EC02599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1	Side 2		
Cable outlet straight Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-6.1 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1	Mounting method	pluggable	
Material PUR No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data 27061801 ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 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 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1	Family construction form	RJ45	
No. of poles 4 Degree of protection (EN IEC 60529) IP20 Commercial data E ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 27060307 ECLASS-8.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-9.0 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-1.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1 Electrical data Supply 1	Cable outlet	straight	
Degree of protection (EN IEC 60529) IP20 Commercial data ECLASS-6.0 27061801 ECLASS-6.1 27060307 ECLASS-7.0 ECLASS-7.0 27060307 ECLASS-8.0 ECLASS-8.0 27060307 ECLASS-9.0 ECLASS-9.0 27060307 ECLASS-9.0 ECLASS-1.1 27060307 ECLASS-9.0 ECLASS-1.1 27060307 ECLASS-11.1 ECLASS-12.0 27060307 ECLASS-12.0 ETIM-5.0 EC002599 customs tariff number GTIN 4048879140843 Packaging unit 1 Electrical data Supply 1 Electrical data Supply Electrical data Supply	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-11.1 27060307 ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1 Electrical data Supply 1	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-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1	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-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1	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 85444290 GTIN 4048879140843 Packaging unit 1	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 85444290 GTIN 4048879140843 Packaging unit 1	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 85444290 GTIN 4048879140843 Packaging unit 1	ECLASS-7.0	27060307	
ECLASS-10.1 27060307 ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1	ECLASS-8.0	27060307	
ECLASS-11.1 27060307 ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1	ECLASS-9.0	27060307	
ECLASS-12.0 27060307 ETIM-5.0 EC002599 customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1 Electrical data Supply	ECLASS-10.1	27060307	
ETIM-5.0EC002599customs tariff number8544290GTIN4048879140843Packaging unit1Electrical data Supply	ECLASS-11.1	27060307	
customs tariff number 85444290 GTIN 4048879140843 Packaging unit 1 Electrical data Supply	ECLASS-12.0	27060307	
GTIN 4048879140843 Packaging unit 1 Electrical data Supply Vertical data Supply	ETIM-5.0	EC002599	
Packaging unit 1 Electrical data Supply 1	customs tariff number	85444290	
Electrical data Supply		4048879140843	
	Packaging unit	1	

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: 2024-05-18

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



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 fun	-
Juplex	Full duplex
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
•	Nickeled
Coating locking .ocking material	Nickeled Zinc die-casting
-	
Mechanical data Mounting data	
Nounting method	inserted, screwed, Shaking protection
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	DIN EN 61076-2-101 (M12)
Installation Cable	
vire arrangement	white, yellow, blue, orange
Cable identification	796
acket Color	green
Type of Certificate	cURus
Amount stranding Stranding	1 4 wires around Core filler twisted
Cable shielding (type) Cable shielding (coverage)	copper braid, tinned 85 %
Banding	os % Fleece, Foil
Filler	yes
vire arrangement	white, yellow, blue, orange
Cable weigth	69,3 g/m
Aaterial jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	6,7 mm
Folerance outer diameter (sheath)	±5%
	FRNC
Material inner jacket Color (inner jacket)	FRNC natur

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: 2024-05-18

Murrelektronik GmbH | Office Park 4, 4.OG/Top A.45 | 1300 Wien-Flughafen | Fon +43 1 706 45 25-0 | Fax +43 1 706 45 25-300 | shop@murrelektronik.at | shop.murrelektronik.at



Amount wires	4
Outer diameter insulation	1,4 mm
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)	0° 08
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

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: 2024-05-18