

RJ45 male 0° / RJ45 male 0° shielded

PUR 4x2xAWG24 shielded gn UL/CSA 20m

Ethernet Male straight - male straight RJ45 - RJ45, 8-pole shielded

Further cable lengths on request.

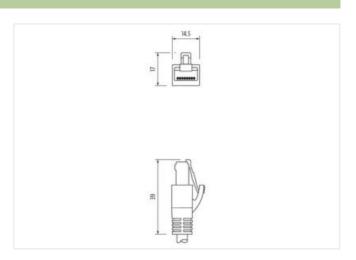
Plastic housings with good resistance against chemicals and oils.

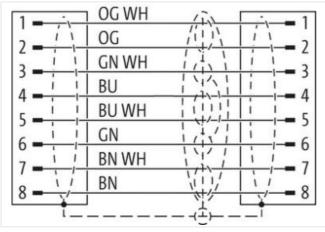
The resistance to aggressive media should be individually tested for your application. Further details on request.

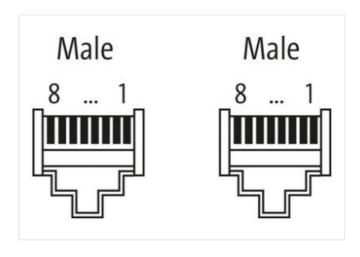
Link to Product

Illustration









Product may differ from Image







Cable length

20 m

Side 1

Mounting method

inserted



stay connected

Cable outlet straight No. of poles 8 Degree of protection (ENIEC 60529) IP20 Side 2 Mounting method inserted Family construction form RJ45 Cable outlet straight No. of poles 8 Degree of protection (ENIEC 60529) IP20 Commercial data ECLASS 6.0 27061801 ECLASS 6.1 27060307 ECLASS 7.0 27060307 ECLASS 9.0 27	Family construction form	RJ45	
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Installation Cable wire arrangement (blue-white, blue), (brown-white, brown), (green-white, green), (orange-white, orange) Cable identification 826	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
wire arrangement (blue-white, blue), (brown-white, brown), (green-white, green), (orange-white, orange) Cable identification 826	Note on bending radius		
Cable identification 826	Installation Cable		
	wire arrangement	(blue-white, blue), (brown-white, brown), (green-white, green), (orange-white, orange)	
Jacket Color green	Cable identification	826	
ullet	Jacket Color	green	
Type of Certificate cURus	Type of Certificate	cURus	
Amount stranding 4	Amount stranding	4	
Stranding 2 wires twisted	Stranding	2 wires twisted	
Stranding (type 2) 4 Stranded joints around Insulation element twisted	Stranding (type 2)	4 Stranded joints around Insulation element twisted	

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: 2024-06-25



stay connected

Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	Insulation element
wire arrangement	(blue-white, blue), (brown-white, brown), (green-white, green), (orange-white, orange)
Cable weigth	116,6 g/m
Material jacket	PUR
Shore hardness jacket	90 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	8,9 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	TPE-V
Color (inner jacket)	natur
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,05 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	61 Shore D
Amount strands (wire)	7
Diameter of single wires	24 AWG
Conductor crosssection (wire)	24 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	3 A
Characteristic impedance	$100~\Omega$ ± 15 % MHz
Electrical resistance line constant wire	87,6 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	8 x Outer diameter
Bending radius (dynamic)	15 x 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
No. of torsion cycles	1 Mio.
Torsion stress	± 180 °/m