

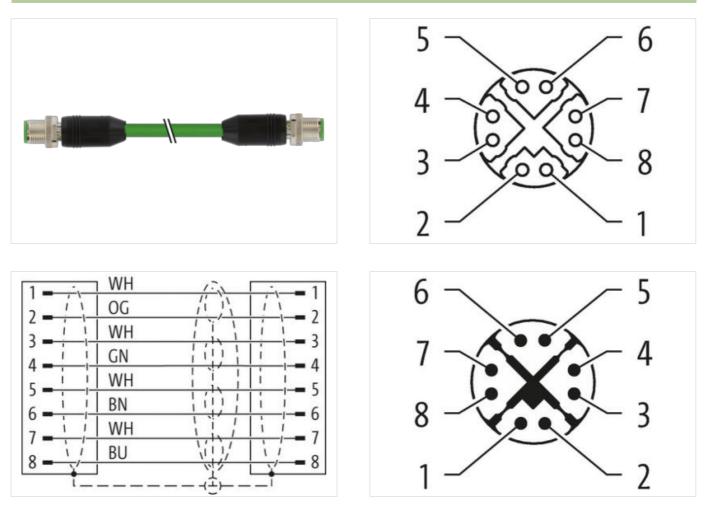
M12 male 0° / M12 male 0° X-cod. shielded

PUR 4x2xAWG26 shielded gn UL/CSA 1m

Ethernet CAT6A Male straight – male straight M12 – M12, 8-pole X-coded Product fulfills requirements according to UN/ECE R118 shielded Transmission properties with channel transmission up to 50 m 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.

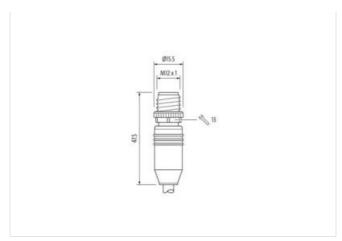
Link to Product

Illustration



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Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	X
Material contact	Copper alloy
Material	PUR
No. of poles	8
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	X
Material contact	Copper alloy
Material	PUR
No. of poles	8
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP67
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307

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ECLASS-10.1 27060307 ECLASS-12.0 27060307 ECLASS-12.0 27060307 ETIN-5.0 EC002599 outstom taff number 8544200 GTIN 4948979788007 Packaging unit 1 Electrical dias Supply Electrical dias Supply Operating voltage AC max. 50 V Operating voltage DC max. 60 V Operating voltage DC max. 50 A Industrial communication Tomes contage may contact max. Tande perating per contact max. 10 GBI% Plagnossics Stats indication LED Stats indication LED no Polication Degree 3 Pladot Degree 9 Pladot Degree 15 K/V Maderid groune DEROECTION I <tr< th=""><th>ECLASS-9.0</th><th>27060307</th></tr<>	ECLASS-9.0	27060307
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Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-114 (M8) Installation Cable wire arrangement (white, orange), (white, blue), (white, green) Cable identification 790 Jacket Color green	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Cable identification 790 Jacket Color green	Installation Cable	
Jacket Color green	wire arrangement	(white, orange), (white, blue), (white, brown), (white, green)
	Cable identification	790
Type of Certificate cURus	Jacket Color	green
	Type of Certificate	cURus
Amount stranding 4	Amount stranding	4
Stranding 2 wires twisted		2 wires twisted
Amount stranding (type 2) 1	Amount stranding (type 2)	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: 2024-06-26



Stranding (type 2)	4 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	65 %
Banding	Foil
wire arrangement	(white, orange), (white, blue), (white, brown), (white, green)
Cable weigth	52,8 g/m
Material jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	6,4 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PE
Amount wires	8
Outer diameter insulation	1,05 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	26 AWG
Conductor crosssection (wire)	26 AWG
Material conductor wire	Stranded copper wire, bare
Nominal voltage AC max.	125 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Electrical resistance line constant wire	140 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	44000 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 § 1100 FT2 UL 1581 § 1090
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)	10 x Outer diameter

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: 2024-06-26