

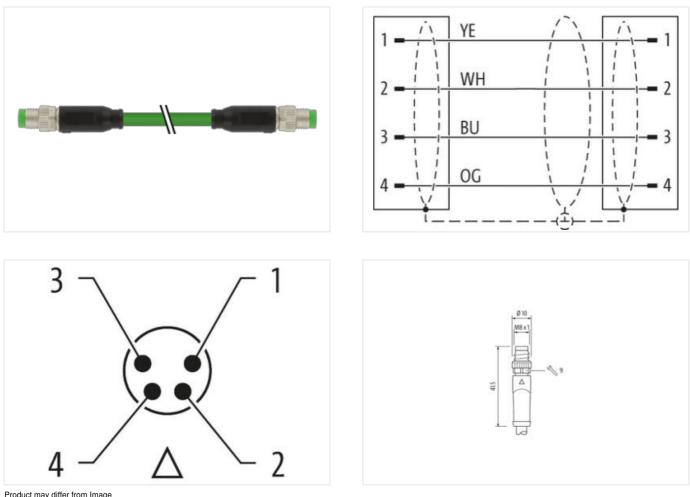
M8 male 0° / M8 male 0° A-cod. shielded

PUR 1x4xAWG26 shielded gn UL/CSA+drag ch. 45m

Ethernet CAT5 Male straight - male straight M8 - M8, 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





Product may differ from Image



45 m

0,4 Nm

Cable length

Side 1

Tightening torque

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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal \emptyset)	8,5 mm
Material contact	Copper alloy
No. of poles	4
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
Material contact	Copper alloy
No. of poles	4
Commercial data	
	27004004
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	4048879545082
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	With reference to CAT5, Class D (ISO/IEC 11801)
Data transmission rate max.	100 MBit/s
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	nickel plated
Material housing	PUR
Locking material	Brass
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	

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Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Conformity Product standard Product standard DIN EN 61076-2-114 (M8) Installation Cable Cable identification Cable identification 791 Jacket Color green Type of Certificate cURus Amount stranding 1 Stranding 4 wires star-shaped twisted Cable shielding (type) cooper braid, timed Cable shielding (type) cooper braid, timed Cable sweigth 59.4 grm Wrie arrangement white, orange, blue, yellow Cable weigth 59.4 grm Material jacket PUR Freedow from ingredients (jacket) Lead-free, CFC-free, halogen-free Outer-diameter (sheath) 1.5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 1.04 mm Outer diameter tolerance core insulation 1.04 mm Outer diameter tolerance core insulation 1.04 mm	
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Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 2,4 A	
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Characteristic impedance $100 \Omega \pm 15 \% @ 100 \text{ MHz}$	
Electrical resistance line constant wire 140 Ω/km	
Nominal voltage power AC max. 300 V	
Electric capacitance (power) 51000 pF/km	
AC withstand voltage power (wire - shield) 0,7 kV @ 60 s	
Power frequency withstand voltage power 0,7 kV @ 60 s	
AC withstand voltage power (wire - wire) 0,7 kV @ 60 s	
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 § 1100 FT2 UL 1581 § 1090	
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) 7,5 x Outer diameter	
Bending radius (dynamic) 12,5 x Outer diameter	

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