

stay connected

RJ45 male 0° / RJ45 male 0° shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 0.5m

Product fulfills requirements according to UN/ECE R118 **Ethernet CAT5** Male straight - male straight RJ45 - RJ45, 4-pole

shielded

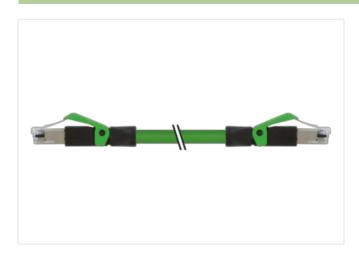
Further cable lengths on request.

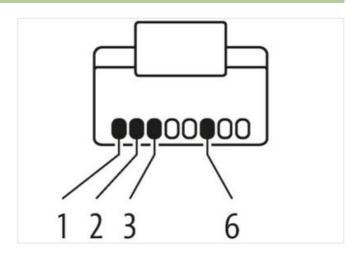
Plastic housings with good resistance against chemicals and oils.

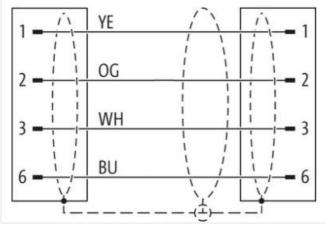
The resistance to aggressive media should be individually tested for your application. Further details on request.

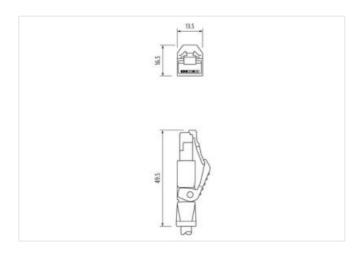
Link to Product

Illustration









Product may differ from Image









Cable length

0,5 m

Side 1



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Mounting method	inserted
Family construction form	RJ45
No. of poles	4
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
GTIN	4048879441407
Packaging unit	1
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication Ethernet fun	
duplex	Full duplex
Diagnostics	
Status indication LED	no
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP20
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
<u> </u>	without
Mechanical data Material data	
Material housing	PUR
Locking material	PA
Mechanical data Mounting data	
Looking techniques	Snap-in connector
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.
Installation Cable	Shoungerou by excessive bending forece.
·	700
Cable identification	796
Jacket Color	green



stay connected

Amount stranding 1 Skranding 4 wires around Core filter twisted Cable shelding (type) copper braid, finned Cable shelding (coverage) 85 % Standing Reson, Foll Filter yes wire arrangement white, yellow, blue, orange Cable weigh 69.3 g/m Material jacket PUR Shore A Andreas gacket 69.7 mm Freedom from in presents (gacket) 69.7 mm Tolerance outer diameter (gacket) 6.7 mm Tolerance outer diameter (gacket) 6.7 mm Tolerance outer diameter (gacket) 6.7 mm Material inner jacket FRINC Color (inner jacket) natur Material viria insulation 1.8 mm Material viria insulation 1.4 mm Outer diameter insulation 1.4 mm Outer diameter floerance over insulation 4.5 % Amount strands (we) 7 Diameter of single wires 22 AWG Conductor crossection (wive) 2.4 MG Travel speed (C track) 5. mo 25 °C	Type of Certificate	cURus
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Travel speed (C-track) 3,3 m/s @ 25 °C 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 $100 \Omega \pm 15 \% @ 100 \text{ MHz}$ Electrical resistance line constant wire $55 \Omega \text{km} @ 20 ° \text{C}$ AC withstand voltage (wire - wire) $2 \text{ kV} @ 60 \text{ s}$ Electrical capacity line constant (wire - wire) $2 \text{ kV} @ 60 \text{ s}$ Electrical capacity line constant (wire - wire) $2 \text{ kV} @ 60 \text{ s}$ AC withstand voltage (wire - shield) $2 \text{ kV} @ 60 \text{ s}$ Loop resistance $5000 \text{ M}\Omega \times \text{km}$ Min. operating temperature (static) $-40 ° \text{C}$ Max. operating temperature (fixed) $80 ° \text{C}$ Operating temperature min. (dynamic) $-30 ° \text{C}$ Plame resistance $1 \text{ EC } 60332 \cdot 2 \cdot 2 \text{ J UL } 1581 \$ 100 \text{ J UL } 1581 \$ 1100 \text{ FT2}$ chemical resistance $1 \text{ EC } 60332 \cdot 2 \cdot 2 \text{ J UL } 1581 \$ 100 \text{ J UL } 1581 \$ 100 \text{ FT2}$ Chemical resistance $1 \text{ EC } 60332 \cdot 2 \cdot 2 \text{ J UL } 1581 \$ 100 \text{ J UL } 1581 \$ 100 \text{ FT2}$ Gasoline resistance $1 \text{ EC } 60332 \cdot 2 \cdot 2 \text{ J UL } 1581 \$ 100 \text{ J UL } 1$		
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Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 12 x Outer diameter No. of torsion cycles 1 Mio. 25 °C	Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (dynamic) 12 x Outer diameter No. of torsion cycles 1 Mio. 25 °C	Bending radius (fixed)	
No. of torsion cycles 1 Mio. 25 °C	<u> </u>	
	Torsion stress	