

## RJ45 male 0° / RJ45 male 0° shielded Ethernet

PUR 2x2xAWG22 shielded gn UL/CSA+drag chain 12,5m

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

Link to Produ		
Illustration		
Product may differ fror	m Image	
Approvals		
cup s Listed	* only for proc	ucts with UL/CSA approved cable
More Info		
EtherNet√IP <sup>*</sup>	Ether <b>CAT.</b>	
Form		
Form		74301
General data		
Mounting method		inserted
Pollution Degree		3
Temperature range		-25+85 °C, depending on cable quality
Cables		
No./diameter of wires		2× 2× 0.34 mm²
Wire isolation		PE (wh, ye, bl, or)
C-track properties		2 Mio.
Material (jacket)		PUR (UL/CSA)
Outer Ø		7.4 mm ±5%
Bend radius (moving)		12× outer Ø
Temperature range (fixed)		-40+80 °C
Temperature range	e (mobile)	-30+70 °C
Cable identificatio	n	659
Approval (cable)		UL (AWM-Style 20234/10988), CSA; CE
Cable weight [g/m]		89,10
Material (wire)		Cu wire, bare

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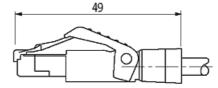
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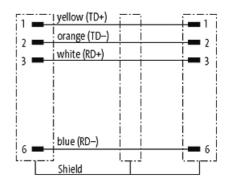


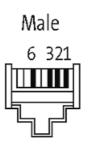
Resistor (core)	max. 55 Ω/km (20 °C)
Diameter (core)	2× 2× 0.34 mm <sup>2</sup>
AWG	similar to AWG 22
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
	min. 85%
Material (jacket)	PUR
Outer-Ø (jacket)	7.4 mm ±5%
Color (jacket)	green
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
Nominal voltage	600 V
Temperature range (fixed)	-40+80 °C
Temperature range (mobile)	-30+70 °C
Bend radius (fixed)	5× outer Ø
Bend radius (moving)	12× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 2 m/s <sup>2</sup>
Jacket Color	green
Technical Data	
Technical Data Operating voltage	max. 60 V DC
	max. 60 V DC max. 30 V DC
Operating voltage	
Operating voltage Operating voltage (only UL listed)	max. 30 V DC
Operating voltage Operating voltage (only UL listed) Rated surge voltage	max. 30 V DC 1.0 kV
Operating voltage Operating voltage (only UL listed) Rated surge voltage Operating current per contact	max. 30 V DC 1.0 kV max. 1.5 A (20 °C)
Operating voltage Operating voltage (only UL listed) Rated surge voltage Operating current per contact Material group	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I
Operating voltage Operating voltage (only UL listed) Rated surge voltage Operating current per contact Material group No. of poles	max. 30 V DC 1.0 kV max. 1.5 A (20 °C) IEC 60664-1, category I 4
Operating voltage Operating voltage (only UL listed) Rated surge voltage Operating current per contact Material group No. of poles Transfer parameters	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Operating voltage Operating voltage (only UL listed) Rated surge voltage Operating current per contact Material group No. of poles Transfer parameters Transfer rate	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex
Operating voltage Operating voltage (only UL listed) Rated surge voltage Operating current per contact Material group No. of poles Transfer parameters Transfer rate LED display	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no
Operating voltage         Operating voltage (only UL listed)         Rated surge voltage         Operating current per contact         Material group         No. of poles         Transfer parameters         Transfer rate         LED display         Locking of ports	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector
Operating voltageOperating voltage (only UL listed)Rated surge voltageOperating current per contactMaterial groupNo. of polesTransfer parametersTransfer rateLED displayLocking of portsProtection	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector         IP20
Operating voltage         Operating voltage (only UL listed)         Rated surge voltage         Operating current per contact         Material group         No. of poles         Transfer parameters         Transfer rate         LED display         Locking of ports         Protection         Locking material	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector         IP20         PA
Operating voltage         Operating voltage (only UL listed)         Rated surge voltage         Operating current per contact         Material group         No. of poles         Transfer parameters         Transfer rate         LED display         Locking of ports         Protection         Locking material	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector         IP20         PA         PUR
Operating voltage         Operating voltage (only UL listed)         Rated surge voltage         Operating current per contact         Material group         No. of poles         Transfer parameters         Transfer rate         LED display         Locking of ports         Protection         Locking material         Material         suitable for corrugated tube (internal Ø)	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector         IP20         PA         PUR
Operating voltageOperating voltage (only UL listed)Rated surge voltageOperating current per contactMaterial groupNo. of polesTransfer parametersTransfer rateLED displayLocking of portsProtectionLocking materialMaterialsuitable for corrugated tube (internal Ø)Commercial data	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector         IP20         PA         PUR         without
Operating voltageOperating voltage (only UL listed)Rated surge voltageOperating current per contactMaterial groupNo. of polesTransfer parametersTransfer rateLED displayLocking of portsProtectionLocking materialMaterialsuitable for corrugated tube (internal Ø)Commercial datacountry of origin	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector         IP20         PA         PUR         without
Operating voltageOperating voltage (only UL listed)Rated surge voltageOperating current per contactMaterial groupNo. of polesTransfer parametersTransfer rateLED displayLocking of portsProtectionLocking materialMaterialsuitable for corrugated tube (internal Ø)Commercial datacountry of origincustoms tariff number	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector         IP20         PA         PUR         without         DE         85444210
Operating voltageOperating voltage (only UL listed)Rated surge voltageOperating current per contactMaterial groupNo. of polesTransfer parametersTransfer rateLED displayLocking of portsProtectionLocking materialMaterialsuitable for corrugated tube (internal Ø)Commercial datacountry of origincustoms tariff numberEAN	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector         IP20         PA         PUR         without         DE         85444210         4048879680981
Operating voltageOperating voltage (only UL listed)Rated surge voltageOperating current per contactMaterial groupNo. of polesTransfer parametersTransfer rateLED displayLocking of portsProtectionLocking materialMaterialsuitable for corrugated tube (internal Ø)Commercial datacountry of origincustoms tariff numberEANeClass	max. 30 V DC         1.0 kV         max. 1.5 A (20 °C)         IEC 60664-1, category I         4         CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)         up to 100 Mbit/s full duplex         no         Snap-in connector         IP20         PA         PUR         without         DE         85444210         4048879680981         27061801

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Product may differ from Image

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