

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 [*]	Ether CAT.	
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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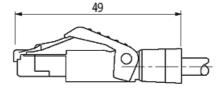
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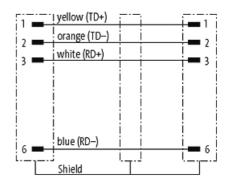


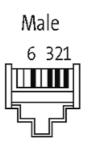
Resistor (core)	max. 55 Ω/km (20 °C)
Diameter (core)	2× 2× 0.34 mm ²
AWG	similar to AWG 22
Material (wire isolation)	PE
Wire-Ø incl. isolation	1.4 mm ±5%
Color/numbering of wires	wh, ye, bl, or
Shield	yes
	min. 85%
Material (jacket)	PUR
Outer-Ø (jacket)	7.4 mm ±5%
Color (jacket)	green
chemical resistance	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 ²
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
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Product may differ from Image

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