

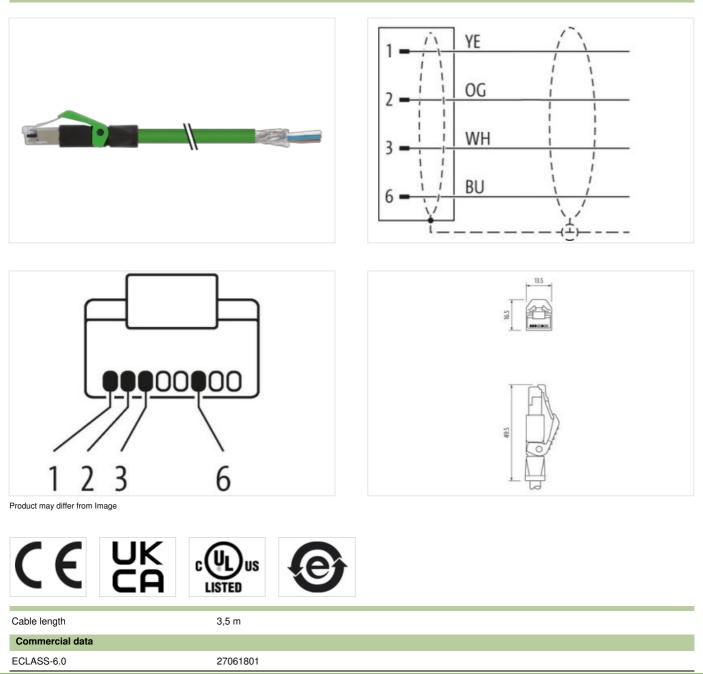
## RJ45 male 0° with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+torsion 3.5m

Ethernet CAT5e Male straight 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





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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	EC002635
customs tariff number	85444210
GTIN	4048879769976
Packaging unit	1
Electrical data   Supply	
	60 V
Operating voltage DC max.	
Operating voltage DC max. (UL-listed)	30 V 1,5 A
Current operating per contact max.	1,5 A
Industrial communication	
Transfer parameters	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	100 MBit/s
Industrial communication   Ethernet fun	ctionality
duplex	Full duplex
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP20
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Material housing	PUR
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	
Cable identification	793
Jacket Color	green
Type of Certificate	cURus
Amount stranding	1
Stranding	
	4 wires around Filler twisted
Cable shielding (type)	4 wires around Filler twisted copper braid, tinned
Cable shielding (type) Cable shielding (coverage)	
	copper braid, tinned
Cable shielding (coverage)	copper braid, tinned 85 %
Cable shielding (coverage) Banding	copper braid, tinned 85 % Fleece, Foil
Cable shielding (coverage) Banding Filler	copper braid, tinned 85 % Fleece, Foil yes

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Shore hardness jacket	90 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6,6 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,6 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)	19
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	copper stranded wire, tinned
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 Ω ± 15 % MHz
Electrical resistance line constant wire	59,4 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	52000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	60 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
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)	12 x Outer diameter
No. of torsion cycles	4 Mio.
Torsion stress	± 180 °/m

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