

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

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 5m

**Ethernet CAT5** Male straight - male straight RJ45 - RJ45, 4-pole shielded

Further cable lengths on request.

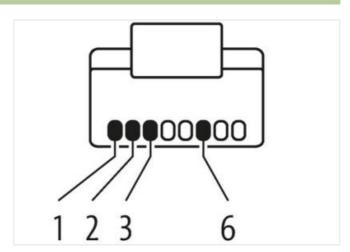
Plastic housings with good resistance against chemicals and oils.

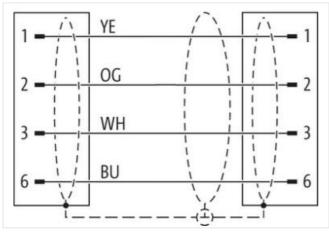
The resistance to aggressive media should be individually tested for your application. Further details on request.

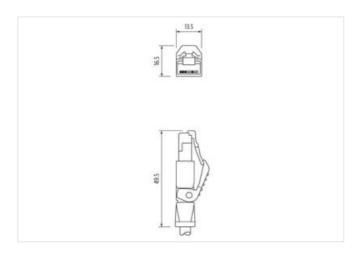
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

5 m

Side 1

Mounting method inserted

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-26



stay connected

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	4048879651196
Packaging unit	1
Electrical data   Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial communication	
	CATES Close D (ISO/IFO 11901-2000) (FN F0172-1)
Transfer parameters  Data transmission rate max.	CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1)  100 MBit/s
Industrial communication   Ethernet fund	ctionality
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)	
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
	חוח
Material housing  Locking material	PUR PA
·	I A
Mechanical data   Mounting data	
Looking techniques	Snap-in connector
Environmental characteristics   Climatic	
Operating temperature min.	
	-25 °C
Operating temperature max.	-25 °C 85 °C
Operating temperature max.  Additional condition temperature range	-25 °C
· · ·	-25 °C 85 °C
Additional condition temperature range	-25 °C 85 °C
Additional condition temperature range  Installation   Cable	-25 °C 85 °C depending on cable quality
Additional condition temperature range  Installation   Cable  Cable identification	-25 °C 85 °C depending on cable quality 659
Additional condition temperature range  Installation   Cable  Cable identification  Jacket Color	-25 °C 85 °C depending on cable quality  659 green
Additional condition temperature range  Installation   Cable  Cable identification  Jacket Color  Type of Certificate	-25 °C 85 °C depending on cable quality  659 green cURus
Additional condition temperature range  Installation   Cable  Cable identification  Jacket Color  Type of Certificate  Amount stranding	-25 °C 85 °C depending on cable quality  659 green cURus 1
Additional condition temperature range  Installation   Cable  Cable identification  Jacket Color  Type of Certificate  Amount stranding  Stranding	-25 °C 85 °C depending on cable quality  659 green cURus 1 4 wires around Core filler twisted

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Filler	yes
wire arrangement	white, yellow, blue, orange
No. of bending cycles (C-track)	2 Mio.
Cable weigth	89,1 g/m
Material jacket	PUR
Shore hardness jacket	90 ± Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	7,4 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	TPE-V
Color (inner jacket)	white
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,4 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)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 %
Electrical resistance line constant wire	55 Ω/km @ 20 °C
Loop resistance	5000 MΩ × km
Nominal voltage power AC max.	60 V
Electrical capacity line constant (wire - wire) (power)	50000 pF/km
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 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	UL 1581 § 1100 FT2   IEC 60332-2-2   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)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter