

RJ45 male 0° with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 7.5m

Product fulfills requirements according to UN/ECE R118

Ethernet CAT5e

Male straight

RJ45, 4-pole

shielded

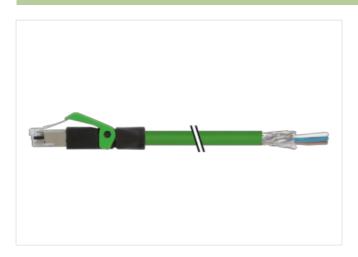
Further cable lengths on request.

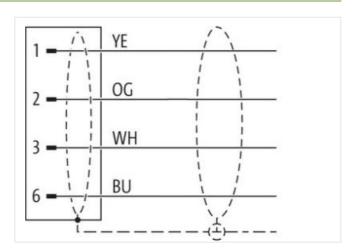
Plastic housings with good resistance against chemicals and oils.

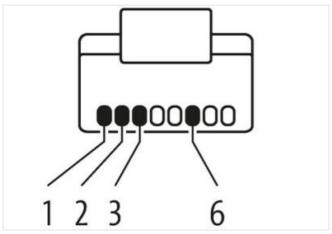
The resistance to aggressive media should be individually tested for your application. Further details on request.

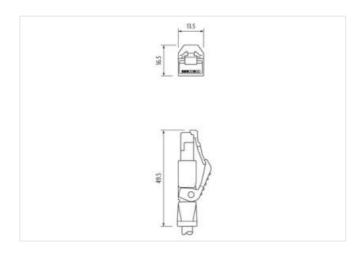
Link to Product

Illustration









Product may differ from Image









Cable length

7,5 m

Commercial data



stay connected

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	4048879403658		
Packaging unit	1		
Electrical data Supply			
Operating voltage DC max.	60 V		
Operating voltage DC max. (UL-listed)	30 V		
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 fund	ctionality		
duplex	Full duplex		
Device protection Electrical	, an deploy		
•	IDOO		
Degree of protection (EN IEC 60529)	IP20		
Additional condition protection degree	inserted, screwed		
Pollution Degree	3		
Rated surge voltage Material group (IEC 60664-1)	1 kV		
Mechanical data	'		
Contour for corrugated hose	without		
Mechanical data Material data	WILLIOUT		
	חווח		
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	796		
Jacket Color	green		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	4 wires around Core filler twisted		
Cable shielding (type)	copper braid, tinned		
Cable shielding (coverage)	85 %		
Banding	Fleece, Foil		
Filler	yes		
wire arrangement	white, yellow, blue, orange		
Cable weigth	69,3 g/m		
wire arrangement	white, yellow, blue, orange		



sta	ау сс	onne	cted	

Material jacket	PUR		
Shore hardness jacket	89 Shore A		
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Outer-diameter (jacket)	6,7 mm		
Tolerance outer diameter (sheath)	±5%		
Material inner jacket	FRNC		
Color (inner jacket)	natur		
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 @ 25 °C		
Travel speed (C-track)	3 Mio. @ 25 °C		
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 Ω ± 15 % @ 100 MHz		
Electrical resistance line constant wire	55 Ω/km @ 20 °C		
AC withstand voltage (wire - wire)	2 kV @ 60 s		
Electrical capacity line constant (wire - wire)	50000 pF/km		
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s		
AC withstand voltage (wire - shield)	2 kV @ 60 s		
Loop resistance	5000 MΩ × km		
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	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	DIN EN 60811-404 Good, application-related testing		
Bending radius (fixed)	5 x Outer diameter		
Bending radius (dynamic)	12 x Outer diameter		
No. of torsion cycles	1 Mio. 25 °C		
Torsion stress	± 180 °/m		