

RJ45 male 45° down / RJ45 male 45° down shielded

PUR 1x4xAWG22 shielded gn UL/CSA 1.2m

Ethernet CAT5

Male 45° down – male 45° down

RJ45 – RJ45, 4-pole

shielded

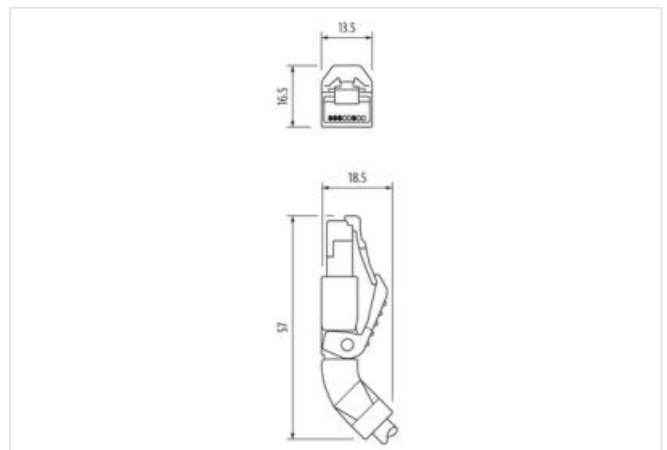
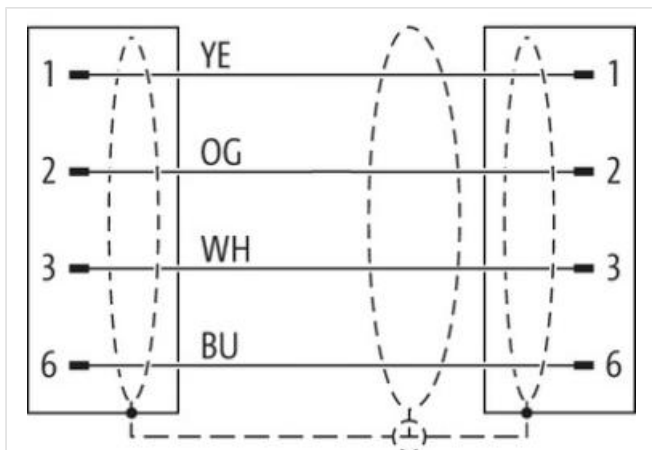
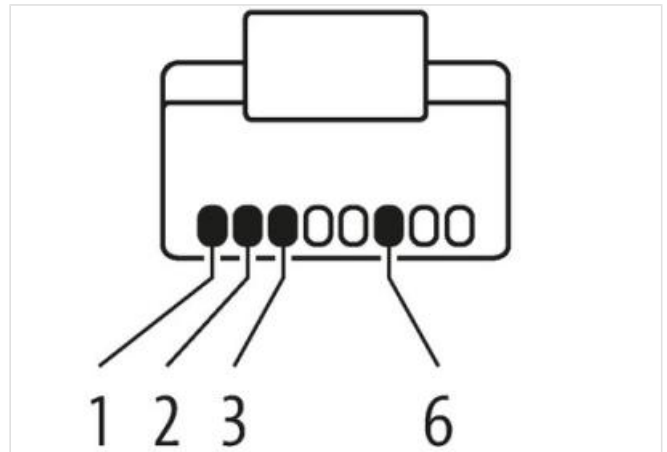
Further cable lengths on request.

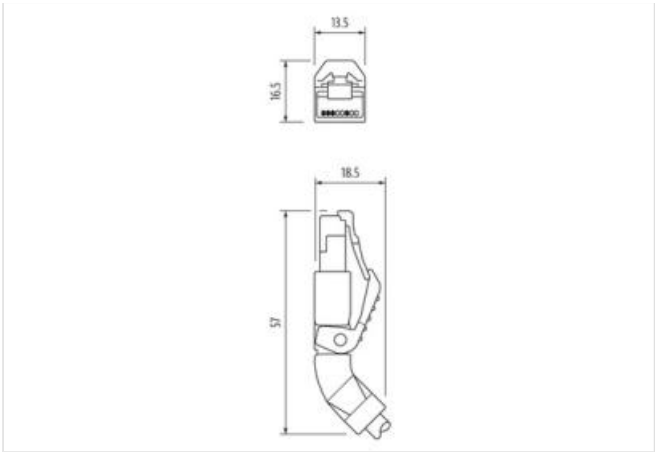
Plastic housings with good resistance against chemicals and oils.

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

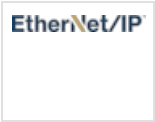
[Link til artikel](#)

Billede





Produktet kan afvige fra billedet



Cable length1,2 m

Side 1

Family construction formRJ45

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	4048879582629
Pakke-enhed	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 functionality

duplexFull duplex

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
Pollution Degree	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	I

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

wire arrangement white, yellow, blue, orange

Cable identification 794

Jacket Color green

Type of Certificate cURus

Amount stranding 1

Stranding 4 wires around Filler twisted

Cable shielding (type) copper braid, tinned

Cable shielding (coverage) 85 %

Banding Fleece, Foil

Filler yes

wire arrangement white, yellow, blue, orange

Cable weight 75,87 g/m

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) $\pm 5\%$

Material inner jacket FRNC

Color (inner jacket) white

Material wire insulation PE

Amount wires 4

Outer diameter insulation 1,55 mm

 Outer diameter tolerance core insulation $\pm 5\%$

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

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 $100\ \Omega \pm 15\%$

 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) 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)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 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)	6 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter