

RJ45 male 0° / RJ45 male 0° shielded

PUR 4x2xAWG26 shielded gn UL/CSA 10m

Ethernet

Male straight – male straight

RJ45 – RJ45, 8-pole

shielded

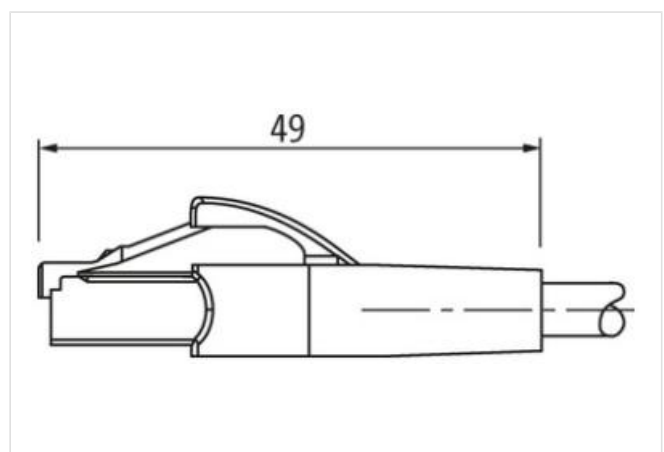
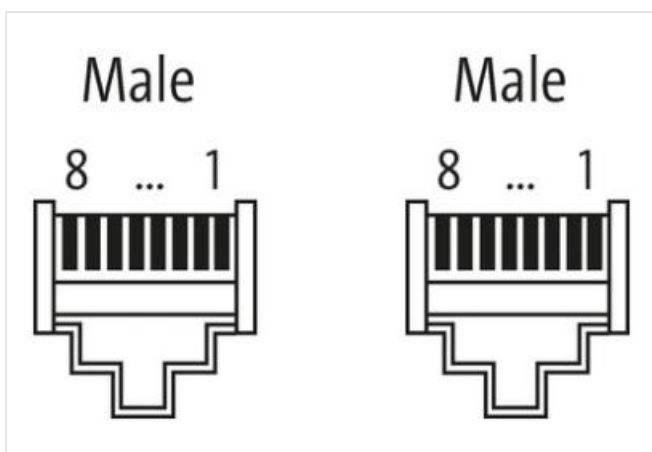
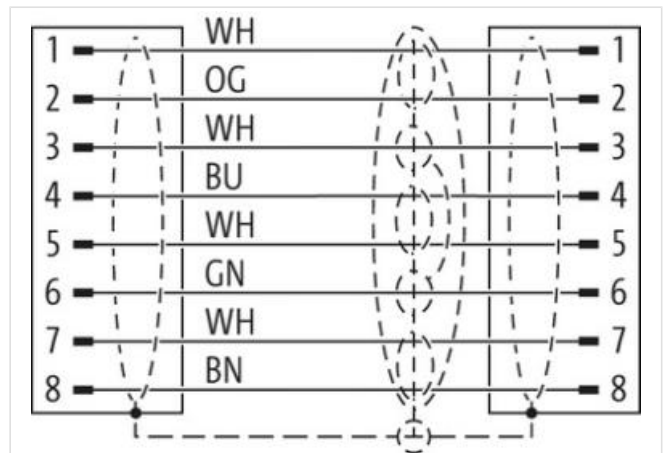
without cable sleeves

Further cable lengths on request.

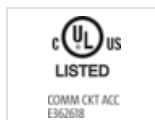
Product fulfills requirements according to UN/ECE R118

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 10 m

Side 1

Mounting method inserted

Side 2

Mounting method inserted

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	4048879746311
Packaging unit	1

Electrical data | Supply

Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A

Industrial communication

Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Data transmission rate max.	10000 Mbit/s

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)	I

Mechanical data

Contour for corrugated hose	without
-----------------------------	---------

Mechanical data | Material data

Material housing	PUR
Locking material	PA

Mechanical data | Mounting data

Looking techniques	Snap-in connector
--------------------	-------------------

Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Installation | Cable

Cable identification	790
Jacket Color	green
Type of Certificate	cURus
Amount stranding	4
Stranding	2 wires twisted
Amount stranding (type 2)	1

Stranding (type 2)	4 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	65 %
Banding	Foil
wire arrangement	(white, orange), (white, blue), (white, brown), (white, green)
Cable weight	52,8 g/m
Material jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	6,4 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PE
Amount wires	8
Outer diameter insulation	1,05 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	26 AWG
Conductor crosssection (wire)	26 AWG
Material conductor wire	Stranded copper wire, bare
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Electrical resistance line constant wire	140 Ω/km @ 20 °C
Loop resistance	5000 MΩ × km
Nominal voltage power AC max.	125 V
Electrical capacity line constant (wire - wire) (power)	44000 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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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)	10 x Outer diameter