

RJ45 male 0° with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 10m

Art.Nr.: 7000-74101-7961000

Vikt: 0,652 kg

Tillverknings land: DE

Modellbeteckning: MSRAL0-8p4c796_10.0

Ethernet CAT5e

Hane, rak

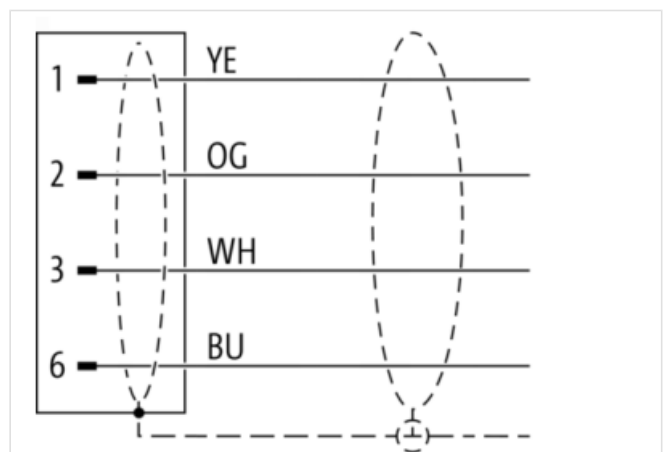
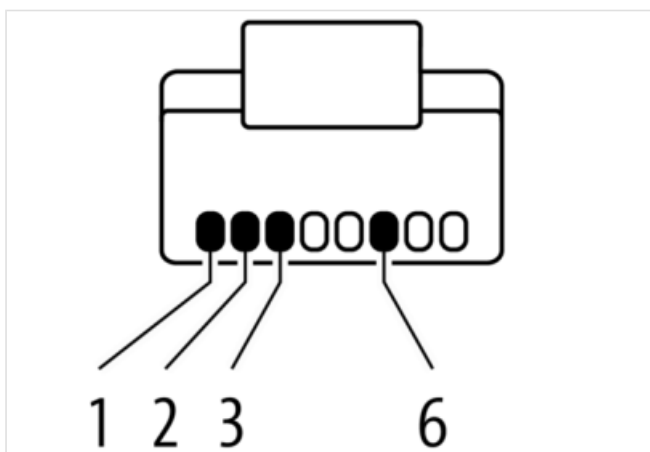
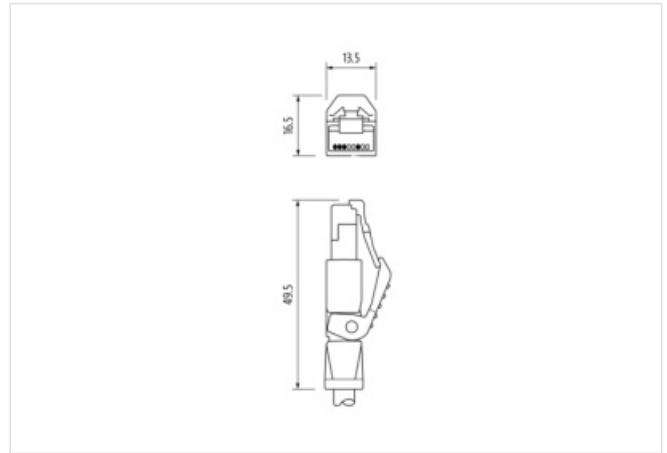
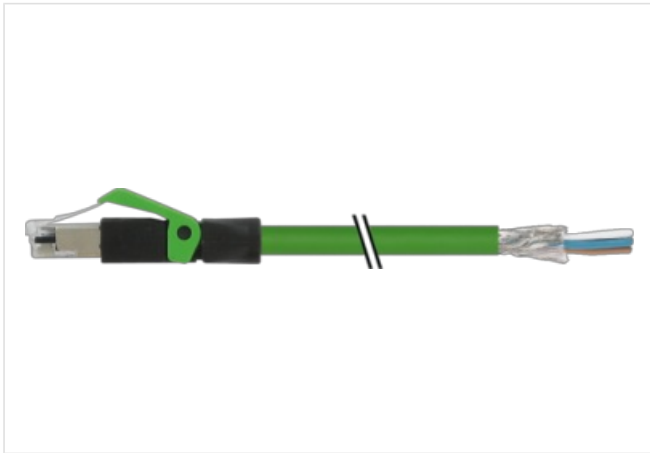
RJ45, 4-polig

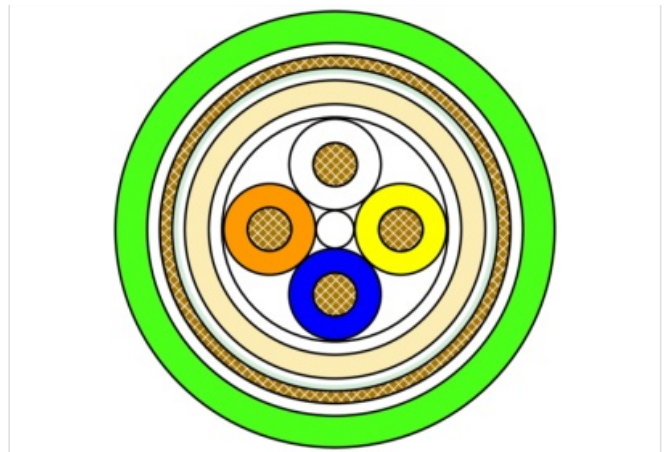
Skärmad

Husmaterialet är i plast med god kemisk-och oljebeständighet

Vid förekomst av aggressiv media är materialbeständighet applikationsavhängig och ska undersökas. Vidare information på begäran.

Ytterligare kabellängder kan fås på begäran.

[Länk till produkt](#)**Illustration**



Produkten kan skilja sig från bilden



Kabellängd	10,00 m
Side 1	
Family construction form	RJ45
Antal poler	4
Gender	male
Monteringsmetod	pluggable
Kabelanslutning	rak
Degree of protection (EN IEC 60529)	IP20
Side 2	
Family construction form	free cable end
Stripping length (jacket)	20 mm
Kommersiella uppgifter	
URL Webshop	https://shop.murrelektronik.com/7000-74101-7961000
GTIN	4048879403665
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-7.1	27060307
ECLASS-8.0	27060307
ECLASS-8.1	27060307
ECLASS-9.0	27060307
ECLASS-9.1	27060307
ECLASS-10.0.1	27060307
ECLASS-10.1	27060307
ECLASS-11.0	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ECLASS-13.0	27060307
ECLASS-14.0	27060307
ETIM-5.0	EC002599
ETIM-6.0	EC002599
ETIM-7.0	EC002599

ETIM-8.0	EC002599
EAN	4048879403665
Förpackningsenhet	1
Kundens tullnummer	85444210
Electrical data Supply	
Operating voltage DC max.	60 V
Current operating per contact max.	1,5 A
Industrial Communication	
Data transmission rate max.	100 Mbit/s
Överföringsparametrar	CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)
Industrial communication Ethernet functionality	
duplex	Full duplex
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP20
Additional condition protection degree	inserted, screwed
Försmutningsgrad	3
Rated surge voltage	1 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	utan
Mechanical data Material data	
Material housing	PUR
Låsningmaterial	PA
Mechanical data Mounting data	
Looking techniques	Snäpplås
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Conformity	
Product standard	EN IEC 60603-7 (RJ45)
Installation Cable	
Cable identification	796
Function cable	Data
Stranding	1 × 4 wires around core filler star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Foil, Fleece
Filler	Yes
Wire arrangement	white, yellow, blue, orange
Cable weight	63 g/m
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	65 ± 5 Shore D

Ingredient freeness wire insulation	halogenfri
Amount strands (wire)	7
Diameter of single wires	30 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)	6,7 mm
Tolerance outer diameter (sheath)	± 5 %
Material mantel	PUR
Durezza rivestimento	89 ± 5 Shore A
Freedom from ingredients (jacket)	halogenfri
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Material inner jacket	FRNC
Color (inner jacket)	natural
Conductor resistance (wire)	55.4 Ω/km @ 20 °C
Electrical capacity line constant (wire - wire)	50.000 pF/km
Isolationsmotstånd	5.000 MΩ × km
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Withstand voltage (wire - shield)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	4,8 A
Characteristic impedance	100 Ω ± 15 %
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Operating temperature min. (drag chain)	-30 °C
Operating temperature max. (drag chain)	70 °C
Flame resistance	IEC 60332-1-2, UL 1581 § 1090, UL 1581 § 1100
Oil resistance	IEC 60811-404, IRM 901, NEMA WC55
Ozone resistance	IEC 60811-403
UV resistance	UL 1581 § 1200
Other resistances	resistant to hydrolysis, resistant to microbes, MUD-resistant (NEK 606)
Böjradie (fixerad)	5 × Outer diameter
Böjradie (vid rörelse)	12 × Outer diameter
No. of bending cycles (C-track)	3 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3.3 m/s @ 25 °C
Acceleration (C-track)	2 m/s ² @ 25 °C
No. of torsion cycles	1 Mio. @ 25 °C
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min