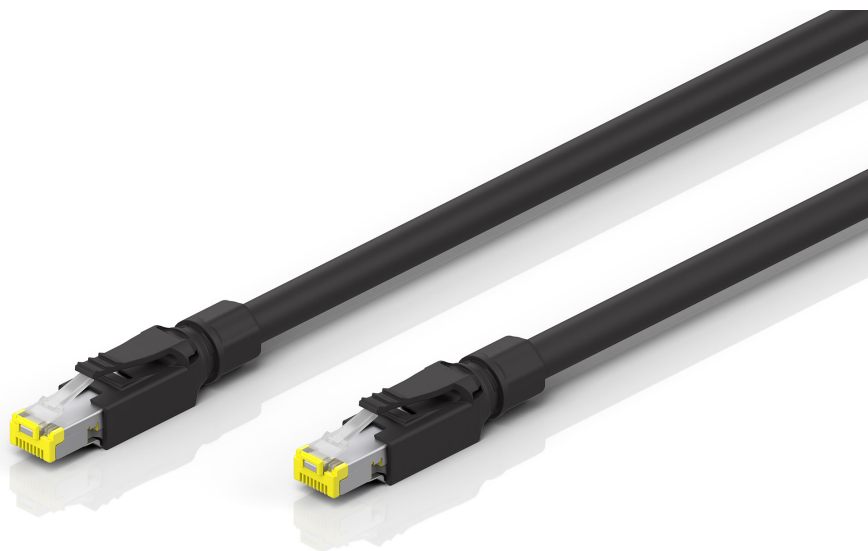


C9900-K713...K721,-K725,-K729,-K746 | CP-Link 4 cable, shielded, PUR, 4 x 2 x AWG24/7, drag-chain suitable, black, Cat.6A



RJ45, plug, straight, male, 8-pin – RJ45, plug, straight, male, 8-pin



Plugs

Electrical data	Head A	Head B
Rated voltage	50 V AC / 60 V DC	50 V AC / 60 V DC
Rated current	1.75 A	1.75 A
Voltage proof (contact/contact)	1.0 kV	1.0 kV
Voltage proof (contact/shield)	1.5 kV	1.5 kV
Shielding	yes	yes
Contact resistance	< 20 mΩ	< 20 mΩ
Insulation resistance	≥ 5 GΩ	≥ 5 GΩ
Mechanical data		
Installation size	RJ45	RJ45
Connector type	plug	plug
Configuration	straight	straight
Contact type	male	male
Number of positions (face)	8-pin	8-pin

Mating cycles	≥ 750	≥ 750
Way of locking	locking pin	locking pin
Body material	Polyamid	Polyamid
Contact material	nickel/gold plated	nickel/gold plated
Environmental data		
RoHS compliant	yes	yes
Protection rating	IP20	IP20
Approvals	UL, CSA	UL, CSA

Cable

Electrical data		
Rated voltage	125 V	
Insulation resistance	≥ 5GΩ * km	
Mutual capacitance	50 nF/km	
Characteristic impedance	100 Ω according to IEC 61156-6	
Loop resistance	175.2 Ω/km	
Dielectric strength wire/wire	750 V	
Dielectric strength wire/shield	750 V	
Test voltage	750 V, 50 Hz, 1 min. (wire/wire and wire/screen)	
Mechanical data		
Conductor construction	7 strand	
Cross-section	4 x 2 x AWG24	
Outer cable diameter	8.9 mm	
Min. bending radius, moved	15 x outer cable diameter	
Min. bending radius, fixed installation	8 x outer cable diameter	
Weight	46 kg/km (101.41 lb/1000 ft)	
Conductor material	copper, tinned	
Shielding	braiding of tinned copper wires	
Optical covering factor of shielding (total)	≥ 85 %	
Use	drag-chain suitable	
Jacket color	black	
Material jacket	PUR (polyurethane)	
Wire color code	white / blue, white / orange, white / green, white / brown	
Wire insulation material	PUR (polyurethane)	
Printing on the jacket	BECKHOFF CP-LINK 4 CABLE DRAG CHAIN CAT 6A c(UL)us CMX 75°C E23660 or AWM Style 21576 AWM I/II A/B 80°C 1000V FT2 + production batch	

Environmental data	
Operation temperature range, moved	-30...+70 °C, -22...+158 °F
Operation temperature range, fixed installation	-40...+80 °C, -40...+185 °F
Oil resistance	According to IEC 60811-2-1
Acid, lye and solvent resistance	depends on medium, concentration, temperature and duration
Flame-retardant	according to IEC 60332-1-2, VW-1 to UL1581
Halogen-free	DIN VDE 0472 part 815

Contact assembly	
1	orange-white
2	orange
3	green-white
4	blue
5	blue-white
6	green
7	brown-white
8	brown

Dimensions	
A1	60.0 mm
A2	16.0 mm
B1	60.0 mm
B2	16.0 mm

Notes

0 ... ≥ 5.0 m: ± 40 mm | ≥ 10.0 m: ± 100 mm | ≥ 15.0 m: ± 150 mm | ≥ 20.0 m: ± 200 mm | ≥ 25.0 m: ± 250 mm | 30.0 ... ≥ 40.0 m: ± 300 mm | 50.0 ... 80.0 m: ± 500 mm

CE, UL

CE yes

Ordering information	Length
C9900-K725	3.00 m
C9900-K713	5.00 m
C9900-K714	10.00 m
C9900-K729	15.00 m
C9900-K715	20.00 m
C9900-K746	25.00 m
C9900-K716	30.00 m
C9900-K717	40.00 m
C9900-K718	50.00 m
C9900-K719	60.00 m
C9900-K720	70.00 m
C9900-K721	80.00 m



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

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