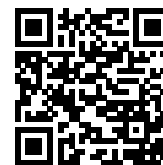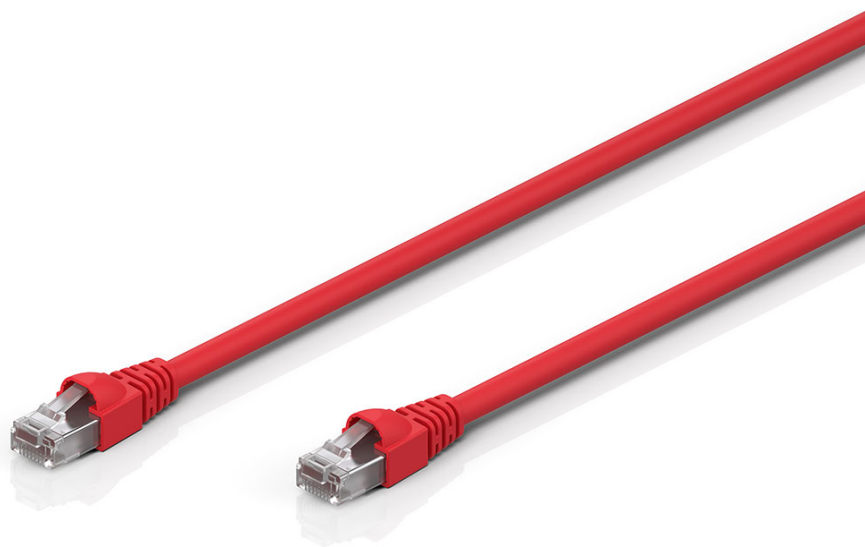# ZK1090-0101-1xxx | Cable for K-bus extension with two RJ45 plugs at both ends, red, Ethernet c

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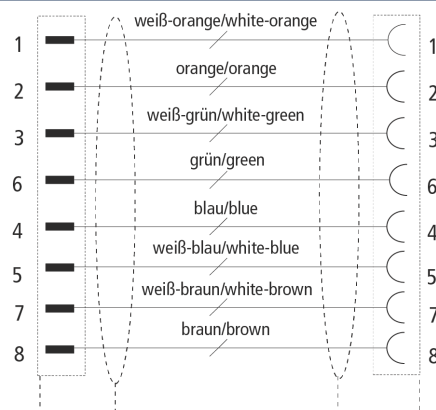

Plugs

Electrical data	Head A	Head B
Rated voltage	160 V	160 V
Rated current	1 A at 50°C	1 A at 50°C
Shielding	yes	yes
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
Body color	red	red
Body material	PC UL 94 V0	PC UL 94 V0
Environmental data		
Protection rating	IP20	IP20

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Cable

Electrical data	
Electrical parameters (Ethernet)	based on Cat.5
Mechanical data	
Cable structure	4 x 2 x AWG26
Cross-section (Ethernet)	0.14 mm² (AWG26)
Outer cable diameter	5.3 mm ± 0.3 mm (0.208" ± 0.0157")
Conductor material (Ethernet)	bare copper
Shielding	aluminum-clad foil, braiding of tinned copper wires
Use	fixed installation
Jacket color	red
Material jacket	PVC (polyvinyl chloride)
Wire color code	white/orange, orange, white/green, green, blue, white/blue, white/brown, brown
Environmental data	
Operation temperature range, fixed installation	-20...+60°C, -4...+140°F

Contact assembly	


```
1 ─── weiß-orange/white-orange ─── 1
2 ─── orange/orange ─── 2
3 ─── weiß-grün/white-green ─── 3
6 ─── grün/green ─── 6
4 ─── blau/blue ─── 4
5 ─── weiß-blau/white-blue ─── 5
7 ─── weiß-braun/white-brown ─── 7
8 ─── braun/brown ─── 8
```

Dimensions	

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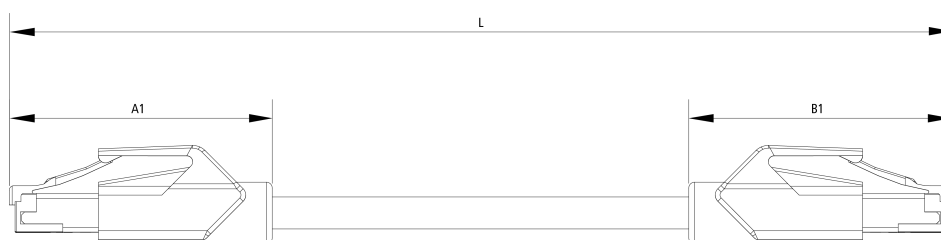
Notes

- Depending on the cable length (L), the following length tolerances apply:
  0 m...<0.2 m: ± 10 mm | 0.2...4.0 m: + 40 mm | ≥ 4.0 m: + 1%
- Illustrations similar
- Further cable length on request.

CE, UL	
UL	yes, UL E-file number: E499669

Ordering information	Length
ZK1090-0101-1002	0.20 m
ZK1090-0101-1005	0.50 m
ZK1090-0101-1010	1.00 m
ZK1090-0101-1020	2.00 m
ZK1090-0101-1030	3.00 m
ZK1090-0101-1050	5.00 m

Accessories	
ZB8801-0000	torque wrench for hexagonal plugs, adjustable
ZB8801-0001	torque cable key, M8/wrench size 9, for ZB8801-0000
ZB8803-0001	Flange/Panel feed-through for M8 pre-assembled, for fixing the connector, plastic