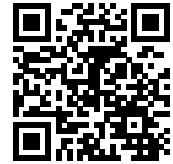


C9900-K671...K682 | CP-Link 4 cable, shielded, PVC, 4 x 2 x AWG23/7, fixed installation, black, Cat.6A



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 |

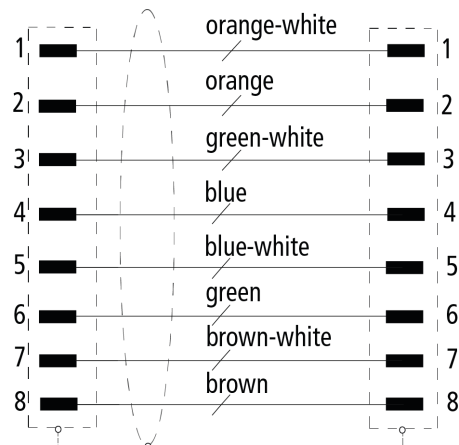
| | | |
|---------------------------|---------------------------|---------------------------|
| Mating cycles | ≥ 750 | ≥ 750 |
| Way of locking | locking pin | locking pin |
| Body material | Polyamid | Polyamid |
| Contact material | nickel/gold plated | nickel/gold plated |
| Environmental data |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

Cable

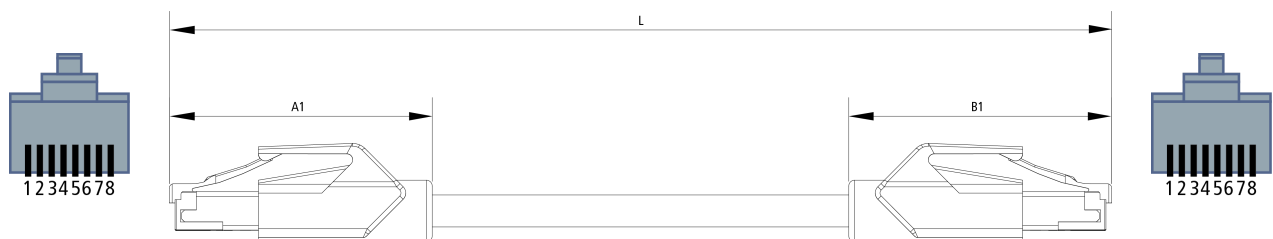
| | |
|--|--|
| Electrical data | |
| Rated voltage | ≤ 80 V |
| Insulation resistance | ≥ 500 MΩ/km |
| Characteristic impedance | 100 Ω ± 5 Ω (100 MHz) |
| Loop resistance | ≤ 150 Ω/km |
| Dielectric strength wire/wire | 800 V |
| Dielectric strength wire/shield | 800 V |
| Test voltage | 800 V (wire/wire and wire/screen) |
| Mechanical data | |
| Conductor construction | 7 strand |
| Cross-section | 4 x 2 x AWG23/7 |
| Outer cable diameter | 8.7 mm ± 0.2 mm (0.3425" ± 0.0079") |
| Min. bending radius, moved | 8 x outer cable diameter |
| Min. bending radius, fixed installation | 4 x outer cable diameter |
| Conductor material | copper, tinned |
| Shielding | braiding of tinned copper wires |
| Optical covering factor of shielding (total) | ≥ 85 % |
| Use | fixed installation |
| Jacket color | black |
| Material jacket | PVC (polyvinyl chloride) |
| Wire color code | white / blue, white / orange, white / green, white / brown |
| Wire insulation material | PVC (polyvinyl chloride) |
| Printing on the jacket | BECKHOFF CP-LINK 4 CABLE CAT 6A *E130266 AWM STYLE 2461 + production batch + sequential length in metres |
| Environmental data | |

| | |
|---|-----------------------------|
| Operation temperature range, fixed installation | -40...+80 °C, -40...+176 °F |
| UV resistance | yes |
| Flame-retardant | according to IEC 60332-1-2 |
| Silicone-free | yes |
| Approvals | UL-Style 2461 (80°C/300V) |

Contact assembly



Dimensions



| | |
|----|---------|
| A1 | 60.0 mm |
| A2 | 16.0 mm |
| B1 | 60.0 mm |
| B2 | 16.0 mm |

Notes

Depending on the cable length (L), the following length tolerances apply:

0 m ... 3.0 m: ± 30 mm | ≥ 5.0 : ± 40 mm | ≥ 10.0 : ± 100 mm | ≥ 20.0 : ± 200 mm | ≥ 30.0 : ± 300 mm | ≥ 40.0 m : ± 500 mm

- Illustrations similar

- Further cable length on request.

CE, UL

| | |
|----|-----|
| CE | yes |
|----|-----|

| Ordering information | Length |
|----------------------|---------|
| C9900-K671 | 3.00 m |
| C9900-K672 | 5.00 m |
| C9900-K673 | 10.00 m |
| C9900-K674 | 20.00 m |
| C9900-K675 | 30.00 m |
| C9900-K676 | 40.00 m |
| C9900-K677 | 50.00 m |
| C9900-K678 | 60.00 m |
| C9900-K679 | 70.00 m |
| C9900-K680 | 80.00 m |
| C9900-K681 | 90.00 m |
| C9900-K682 | 100 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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