



## 5m Cat.6 U/UTP Network Cable, Blue

No.: 48175

RJ45, M/M, 250MHz, CCA

### Description

- Twisted Pair Patch Cable with RJ45 connectors
- Cat.6 U/UTP, CCA
- Integrated snagless connector for latch protection
- Gold plated pins for better conductivity and elimination of signal loss
- 10 year warranty

Cat.6 U/UTP CCA network cable with support for bandwidth up to 250MHz and features a snagless design with gold plated contacts for ethernet standards up to 1GBase-T.

Cat.6 cable for operating frequencies up to 250MHz. The unshielded version [U/UTP] can be used for Gigabit Ethernet thanks to the special design of the electrophysical parameters [NExT, FExT, etc.] despite the lack of shielding. These cables are manufactured and tested according to the ISO/IEC 11801 specification. The cables are packaged individually in a polybag.

The gold-plated contacts ensure reliable, corrosion-free connections over extensive periods of time. A robust snagless strain relief design prevents damage to the connector latch during installation and removal.

The high frequencies used in network technology cause a high current load in the outer layers of the conductors due to the "skin effect", while the conductor cores are only subjected to very low electrical loads. This allows the use of copper clad aluminium [CCA] conductor material, making this cable more cost-effective than pure copper cables.

Available lengths: 0.3m, 0.5m, 1m, 2m, 3m, 5m, 7.5m, 10m.

Available colours: Grey, Blue, Red, Black, White.

### Technical details

#### Connectors

- Connector A: RJ45 Male
- Connector B: RJ45 Male
- Housing Material: Polycarbonate
- Connector Plating: -
- Pin Construction: Copper Alloy
- Pin Plating: Gold plated

- Dimensions (approx.) WxDxH: 11.6x22.8x8.3mm [0.46x0.90x0.33in]

#### **Cable Construction**

- Length: 5m [16.44ft]
- Colour: Blue
- Type: Cat.6
- Jacket Diameter: 5.8mm [0.23in]
- Jacket Material: PVC
- Conductor Material: CCA
- Conductor Gauge: 26AWG
- Shielding: -

#### **Specifications**

- Supported Bandwidth: 250MHz
- Nominal Attenuation: 32.8dB/100m @250MHz
- Minimum Bend Radius: 69mm [2.72in]
- Operating Temperature: -10°C - 60°C [14°F - 140°F]
- Storage Temperature: -20°C - 75°C [-4°F - 167°F]

#### **Miscellaneous**

- Packaging Type: Polybag
- Warranty [Years]: 10
- Certificated: RoHS, REACH, California Proposition 65

#### **Purchasing Information**

- No.: 48175
- EAN: 4002888481755

#### **This product is also available in other lengths:**

- 48170 - 0.3m [0.98ft]
- 48171 - 0.5m [1.64ft]
- 48172 - 1m [3.28ft]
- 48173 - 2m [6.56ft]
- 48174 - 3m [9.84ft]
- 48175 - 5m [16.44ft]
- 48176 - 7.5m [24.61ft]
- 48177 - 10m [32.81ft]