



## 0.5m Cat.6 U/UTP LSZH Network Cable, Black

No.: 45431

RJ45, M/M, 250MHz, Copper, 26AWG

### Description

- Twisted Pair Patch Cable with RJ45 connectors and Test Report (100% Test)
- Cat.6 U/UTP, LSZH
- Integrated snagless connector for latch protection
- Gold plated pins for better conductivity and elimination of signal loss
- 10 year warranty

Cat.6 U/UTP LSZH 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 halogen-free sheath material of the LSZH cable makes the product suitable for use in public spaces with its low smoke emission and elimination of toxic halogen emissions.

Available lengths: 0.3m, 0.5m, 1m, 2m, 3m, 5m, 7.5m, 10m, 15m, 20m, 30m.

Available colours: Grey, Blue, Red, Black.

### Technical details

#### Connectors

- Connector A: RJ45 Male
- Connector B: RJ45 Male
- Housing Material: Polycarbonate
- Connector Plating: -
- Pin Construction: Brass
- Pin Plating: Gold plated
- Dimensions [approx.] WxDxH: 11.6x21.5x8.3mm [0.46x0.85x0.33in]

### **Cable Construction**

- Length: 0.5m [1.64ft]
- Colour: Black
- Type: Cat.6
- Jacket Diameter: 6.0mm [0.24in]
- Jacket Material: LSZH
- Conductor Material: Copper
- Conductor Gauge: 26AWG
- Shielding: Aluminium / Polyester

### **Specifications**

- Supported Bandwidth: 250MHz
- Nominal Attenuation: 38.3dB/100m @250MHz
- Minimum Band Radius: 18.0mm [0.71in]
- Operating Temperature: -25°C - 60°C [-43F - 140°F]
- Storage Temperature: -25°C - 60°C [-43F - 140°F]

### **Miscellaneous**

- Packaging Type: Polybag
- Warranty [Years]: 10
- Certificated: RoHS, REACH & UL

### **Purchasing Information**

- No.: 45431
- EAN: 4002888454315

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

- 45430 - 0.3m [0.98ft]
- 45431 - 0.5m [1.64ft]
- 45432 - 1m [3.28ft]
- 45433 - 2m [6.56ft]
- 45434 - 3m [9.84ft]
- 45435 - 5m [16.44ft]
- 45436 - 7.5m [24.61ft]
- 45437 - 10m [32.81ft]
- 45438 - 15m [49.21ft]
- 45439 - 20m [65.62ft]
- 45440 - 30m [98.43ft]