



## 0.5m Cat.6A S/FTP LSZH Network Cable, Black

No.: 47176

RJ45, M/M, 500MHz, Copper

### Description

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

Cat.6A S/FTP network cable with support for bandwidth up to 500MHz and features a snagless design with gold plated contacts for ethernet standards up to 10 GBase-T.

Cat.6A cable, shielded with braid as overall shield and foil shield for the individual wire pairs [S/FTP]. Cat.6A cables meet the requirements of 10 Gigabit Ethernet [10GBaseT] with an operating frequency of up to 500MHz. 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, 1.5m, 2m, 3m, 5m, 7.5m, 10m, 15m, 20m, 30m.

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

### Technical details

#### Connectors

- Connector A: RJ45 Male
- Connector B: RJ45 Male
- Housing Material: Polycarbonate
- Connector Plating: Nickel
- 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.6A
- Jacket Diameter: 6.0mm [0.24in]
- Jacket Material: LSZH
- Conductor Material: Copper
- Conductor Gauge: 27AWG
- Shielding: Aluminium Braid

### Specifications

- Supported Bandwidth: 500MHz
- Nominal Attenuation: 49.3dB/100m @ 500MHz
- Minimum Bend Radius: 72mm [2.84in]
- Operating Temperature: -10°C - 60°C [14F - 140°F]
- Storage Temperature: -20°C - 75°C [-4F - 167°F]

### Miscellaneous

- Packaging Type: Polybag
- Warranty [Years]: 10
- Certificated: RoHS, REACH, UL
- Purchasing Information
- No.: 47176
- EAN: 4002888471763

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

- 47175 - 0.3m [0.98ft]
- 47176 - 0.5m [1.64ft]
- 47177 - 1m [3.28ft]
- 47178 - 1.5m [4.92ft]
- 47179 - 2m [6.56ft]
- 47180 - 3m [9.84ft]
- 47181 - 5m [16.44ft]
- 47182 - 7.5m [24.61ft]
- 47183 - 10m [32.81ft]
- 47184 - 15m [49.21ft]
- 47185 - 20m [65.62ft]
- 47186 - 30m [98.43ft]