



## 5m RJ45 S/FTP LSZH Network Cable, Red

No.: 47296

Cat.6A Plug, Cat.7 raw cable

### Description

- Twisted Pair Patch Cable with RJ45 connectors
- Connector: Cat.6A / Cable: Cat.7 S/FTP (600Mhz)
- Integrated snagless connector for latch protection
- Gold plated pins for better conductivity and elimination of signal loss
- 10 year warranty

Cat.7 S/FTP LSZH network cable with Cat.6A connectors supports bandwidth up to 600MHz and features a snagless design with gold plated contacts for ethernet standards up to 10 GBase-T.

The Cat.7 cable material for operating frequencies up to 600MHz with total braided shielding and foil single-wire shielding (S/FTP) was developed for use in data centres, server rooms, rack mounting of network and control cabinets etc. for networks up to 10GBaseT. 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.

This product uses Cat.7 cable material. The Cat.7 standard originally defined the GG45 connectors, which were intended as a further development of RJ45, but were not able to establish themselves on the market. In the meantime, the RJ45 connector developed to easily meet the requirements of Cat.7, but has never been defined for Cat.7. Therefore the imprint on the cable reads as follows: "Cat.6A S/FTP patch cords with 600MHz raw cable".

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 Cat.6A
- Connector B: RJ45 Male Cat.6A
- Housing Material: Polycarbonate
- Connector Plating: Nickel
- 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: Red
- Type: Cat.7
- Jacket Diameter: 6.5mm [0.26in]
- Jacket Material: LSZH
- Conductor Material: Copper
- Conductor Gauge: 26AWG
- Shielding: Aluminium Braid

#### **Specifications**

- Supported Bandwidth: 600MHz
- Nominal Attenuation: 51.4dB/100m @600MHz
- Minimum Band Radius: 78mm [3.07in]
- 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, UL, California Proposition 65

#### **Purchasing Information**

- No.: 47296
- EAN: 4002888472968

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

- 47290 - 0.3m [0.98ft]
- 47291 - 0.5m [1.64ft]
- 47292 - 1m [3.28ft]
- 47293 - 1.5m [4.92ft]
- 47294 - 2m [6.56ft]
- 47295 - 3m [9.84ft]
- 47296 - 5m [16.44ft]
- 47297 - 7.5m [24.61ft]
- 47298 - 10m [32.81ft]
- 47299 - 15m [49.21ft]
- 47300 - 20m [65.62ft]
- 47301 - 30m [98.43ft]