



Ethernet Patch Cord U/UTP Cat 6 LSFH, white

Preconnected Ethernet patch cord with RJ45 connector at each end. It is made of a Category-6 data cable, U/UTP type, with a flexible copper inner conductor 24 AWG and outer sheath made of white LSFH (Low Smoke Free of Halogen).

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|---------------------|---------------|
| Ref. | 209012 |
| Logical ref. | PK6P1W |
| EAN13 | 8424450221983 |

Other features

| | |
|---------------|--------|
| Colour | White |
| Length | 1.00 m |

Packaging info

| | |
|------------|---------|
| Box | 10 pcs. |
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Physical data

| | |
|---------------------|-------------|
| Net weight | 44.00 g |
| Gross weight | 44.00 g |
| Width | 12.00 mm |
| Height | 1,010.00 mm |
| Depth | 10.00 mm |

Highlights

- Category-6 data cable
- U/UTP Unfoiled UTP Cable
- Flexible copper inner conductor (24AWG)
- Compatible with PoE/PoE+ (Power over Ethernet) technology, allowing the cable to power network devices
- PE (Polyethylene) copper conductor insulation, 0.95mm diameter

- LSFH (Low Smoke Free Of Halogen) outer sheath, 0.62mm thick and 5.7mm diameter
- 72% nominal speed
- RJ45 connectors with gold plated connector ends

Technical specifications : Ref. 209012

| | | | | | | | | | | | | | | | | | | |
|------------------------------|--------------------|-------|-------|-------|--------|--------|--------|--------|-----------|----------|---------|---------|---------|--|--|--|--|-----------------|
| Type | | | | | | | | | | | | | | | | | | U/UTP |
| Categorie | | | | | | | | | | | | | | | | | | Cat 6 |
| Transmission bandwidth | | | | | | | | | | | | | | | | | | 250MHz |
| Transfer rate | | | | | | | | | | | | | | | | | | 1Gbps |
| Conductor Diameter | mm | | | | | | | | | | | | | | | | | 0.2 |
| Conductor Material | | | | | | | | | | | | | | | | | | Flexible copper |
| Conductor type AWG | | | | | | | | | | | | | | | | | | 24 |
| Conductor isolation Diameter | mm | | | | | | | | | | | | | | | | | 0.96 |
| Conductor isolation Material | | | | | | | | | | | | | | | | | | Polyethylene |
| Crucifix filler | | | | | | | | | | | | | | | | | | Yes |
| Outer sheath Diameter | mm | | | | | | | | | | | | | | | | | 5.7 |
| Outer sheath Material | | | | | | | | | | | | | | | | | | LSFH |
| Outer sheath Thickness | mm | | | | | | | | | | | | | | | | | 0.62 |
| Rip cord | | | | | | | | | | | | | | | | | | No |
| Data connector type | | | | | | | | | | | | | | | | | | RJ45 |
| Spark Test | Vac | | | | | | | | | | | | | | | | | 3000 |
| Nominal impedance | Ω | | | | | | | | | | | | | | | | | 100 |
| Conductor resistance | Ω /km | | | | | | | | | | | | | | | | | < 117 |
| Nominal speed | % | | | | | | | | | | | | | | | | | 72 |
| Working voltage | V | | | | | | | | | | | | | | | | | 300 |
| Operating temperature | $^{\circ}\text{C}$ | | | | | | | | | | | | | | | | | -30 ... 70 |
| Frequencies | | 1 MHz | 4 MHz | 8 MHz | 10 MHz | 16 MHz | 20 MHz | 25 MHz | 31.25 MHz | 62.5 MHz | 100 MHz | 200 MHz | 250 MHz | | | | | |
| NEXT (typ.) | dB/100m | 65 | 63 | 58.2 | 56.6 | 53.2 | 51.6 | 50 | 48.4 | 43.4 | 39.9 | 34.8 | 33.1 | | | | | |
| PS NEXT (typ.) | dB/100m | 62 | 60.5 | 55.6 | 54 | 50.6 | 49 | 47.3 | 45.7 | 40.6 | 37.1 | 31.9 | 30.2 | | | | | |
| ACR-F (typ.) | dB/100m | 63.3 | 51.2 | 45.2 | 43.3 | 39.2 | 37.2 | 35.3 | 33.4 | 27.3 | 23.3 | 17.2 | 15.3 | | | | | |
| PS ACR-F (typ.) | dB/100m | 60.3 | 48.2 | 42.2 | 40.3 | 36.2 | 34.2 | 32.3 | 30.4 | 24.3 | 20.3 | 14.2 | 12.3 | | | | | |
| Return losses | dB | 19 | 19 | 19 | 19 | 18 | 17.5 | 17 | 16.5 | 14 | 12 | 9 | 8 | | | | | |