



## Ethernet Patch Cord U/UTP Cat 6 PVC, 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 PVC.

<b>Ref.</b>	209018
<b>Logical ref.</b>	PK6P20W
<b>EAN13</b>	8424450222041

### Other features

<b>Colour</b>	White
<b>Length</b>	20.00 m

### Packaging info

<b>Box</b>	10 pcs.
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### Physical data

<b>Net weight</b>	724.00 g
<b>Gross weight</b>	724.00 g
<b>Width</b>	12.00 mm
<b>Height</b>	20,185.00 mm
<b>Depth</b>	10.00 mm

### Highlights

- Category-6 data cable
- U/UTP Cable
- Flexible copper inner conductor (24 AWG)
- Compatible with PoE/PoE+ (Power over Ethernet) technology, allowing the cable to power network devices
- PE (Polyethylene) copper conductor insulation, 1.1 mm diameter

- Aluminium+polyester shielding foil
- Aluminium outer shielding braid
- Grey LSFH (Low Smoke Free Of Halogen) outer sheath, 0.59 mm thick and 6.2 mm diameter
- 79% nominal speed
- RJ45 connectors with gold plated connector ends with shell nickel plated

## Discover

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### Category 6

Data cable category Cat 6 complies with the standard for Gigabit Ethernet and it is backwards compatible, with the standards of the inferior categories (Cat 5/5e and Cat 3). Category 6 evolves over category 5E, allowing to achieve transmission frequencies of up to 250 MHz (in each pair) and 1 Gbps of throughput. It includes characteristics and specifications to avoid crosstalk and noise. This type of data cable can be used in 10BASE-T, 100BASE-T and 1000BASE-T (Gigabit Ethernet) compliant systems.

Our category 6 cables are characterized:

- Comply with TIA/EIA-568B.2-1
- Crucifix type padding
- Transfer rate up to 1Gbps
- Frequency range of up to 250 MHz and up to 400MHz in some references
- Includes rip cord to make it easier to strip the cable
- Nominal impedance of 100 ohms
- Maximum resistance per conductor below 9.38 ohms/100m

The RJ45 is a connector commonly used in structured cable networks. With up to 8 connection pins, it is adequate both for data networks (8 pairs), as well as telephone networks (2 pairs). It is usually used in networks compliant with standards TIA/EIA-568-B.

