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**PRODUCTS** in accordance with the highest  
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## Description

PROLINK CAT6 UNSHIELDED PATCH CORD  
W/ T568B WIRING, 0.5M, LSZH **White**

### CAT.6 Patch Cords

PROLINK Cat.6 patch cords are used for connecting the network equipment to patch panels and telecommunications outlets. They are suitable for frequencies of up to 250 MHz

### Features of CAT.6

- Full the requirements of Category 6, Class E (250MHz) according to the present standard of the ISO/IEC 11801.
- Each individual patch cord is tested and marked with a quality stamp.
- Can also use as Cat5e (backward compatible).
- Strain relief is provided with a wide function.
- Labeling is possible on the strain relief or on the color-coding.
- 0.25M, 0.5M, 1M, 3M, 5M or 10M length.
- The impedance of 100 ohms.
- LSZH version.
- Die rent Colors (Blue – White – Gray – Yellow – Black – Orange – Green - Turquoise).



## Materials

| Plug Housing  | Contacts                | Contact Plating             | Shielding        |
|---------------|-------------------------|-----------------------------|------------------|
| Polycarbonate | Phosphor bronze (CuSn6) | 0,7 µm selective gold plate | Tin-plated brass |

## Electrical Characteristics

| Current Rating        | Voltage Rating    | Dielectric Withstanding Voltage | Insulation Resistance |
|-----------------------|-------------------|---------------------------------|-----------------------|
| 1,5A (maximum @ 25°C) | 150 VAC (maximum) | 1000 VAC, 1 min (60 Hz)         | 250 MO (minimum)      |

## Mechanical Characteristics

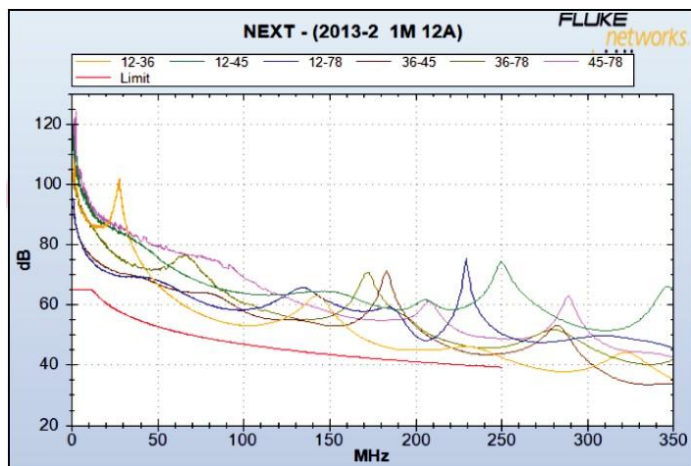
| Plug Housing          | Contact Plating   |
|-----------------------|-------------------|
| 1,5A (maximum @ 25°C) | 150 VAC (maximum) |
| Compliant IEC 60603-7 | -10°C to -60°C    |

## Environmental Characteristics

## Patch Cord Characteristics CAT.6

| U/UTP                    |             |
|--------------------------|-------------|
| Inner Conductor Diameter | AWG23/7     |
| Number Of Pairs          | 4           |
| Screen 1 Pair            | Non         |
| Outer screen             | Non         |
| Jacket                   | LSZH        |
| Outer Diameter           | Max. 6.0 mm |

Typical Return Loss CAT.6 UTP patch cord



Typical NEXT CAT.6 UTP patch cord

