

Cat6 Cabling

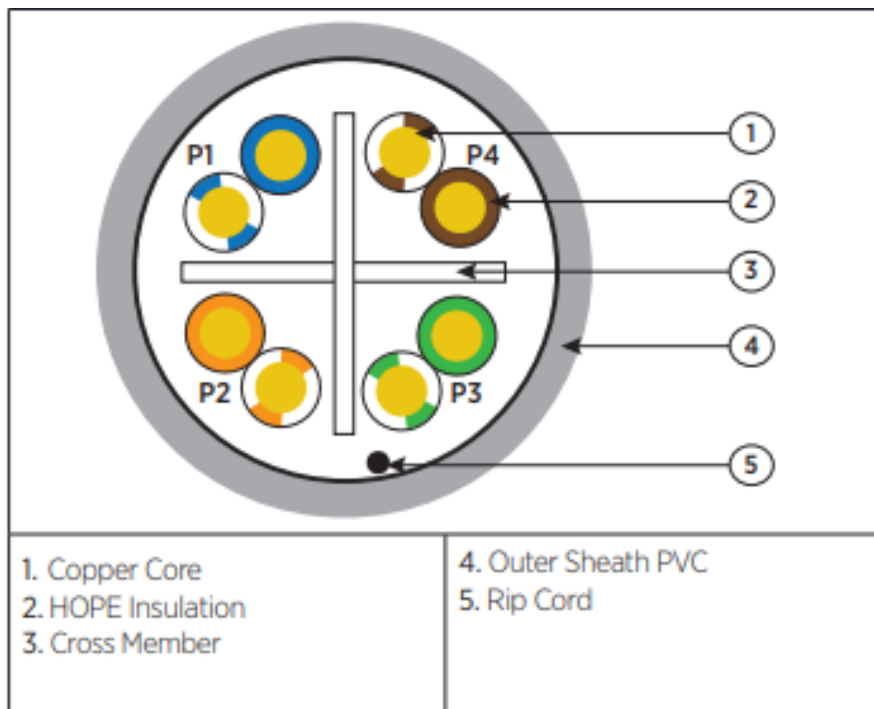
Cat 6 UTP PVC Cable is designed for high speed LANs including Gigabit Ethernet applications. When used with Connectix panels and modules it gives the exceptional performance required for transmission over all four pairs. The cable is supplied in easy to use boxes and is available with standard grey PVC outer sheaths.

Features and Benefits

- Suitable for Gigabit Ethernet applications
- PVC outer sheaths
- Supplied metre marked in easy pull boxes for easy installation
- Pure copper cores
- Excellent performance exceeding ANSI/TIA stated specifications
- 25 Year System Warranty Available

Electrical Specifications

DC Resistance	< 9.4 Ω /100 m
Insulation Resistance	>5000m Ω *km
Capacitance Unbalance (pair to ground)	< 5.6nF/100 m
Velocity Ratio	69%
Operating Temperature Range	-20°C to +60°C
Installation temperature Range	0°C to +50°C
Characteristic Impedance	100 Ohm +/- 15 Ohm
Transfer Impedance (m Ω /m)	1MHz 10MHz 30 MHz 100MHz



Product Specifications

Inner Conductor	23 AWG plain copper
Insulation	High density polyethylene
Construction	4 twisted pairs cabled together
Colour Code	Pair 1: White/Blue-Blue/White Pair 2: White/Orange-Orange/White Pair 3: White/Green-Green/White Pair 4: White/Brown-Brown/White
Sheath	PVC
RAL Colour	Grey - 7044
Overall Diameter	6.1mm +/- 0.3 mm
Min. Bending Radius	25 mm
Conforms to	ANSI/TIA-568-C, ISO 11801 CENELEC EN 50173
Impedence	100 Ohm +/- 15 Ohm
Euroclass Rating	Eca