CCS

Category 6 Solid UTP PVC Cable

Connectix Cat6 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.
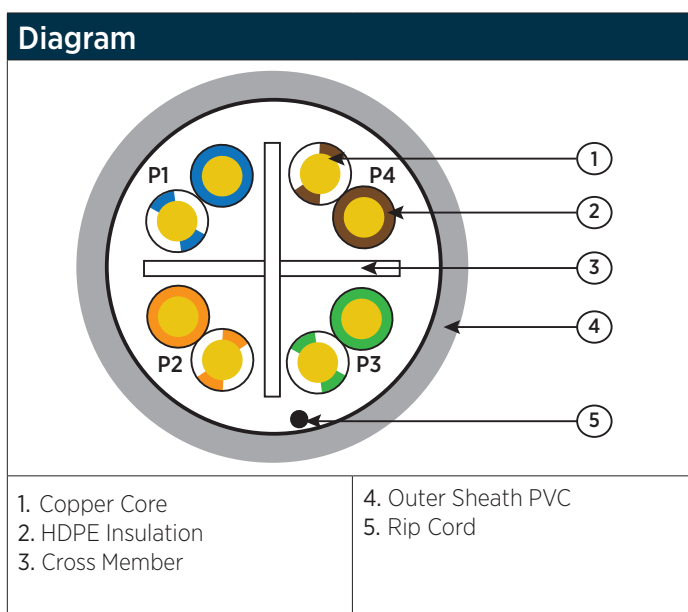
Features & Benefits

- 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
- Available in 100m or 305m boxes

Electrical Specifications

DC Resistance	< 9.4 Ω /100 m
Insulation Resistance	>5000mΩ*km
Capacitance Unbalance (pair to ground)	< 5.6nF/100 m
Characteristic Impedance @1-250 MHz	100 Ohm +/- 15 Ohm
Velocity Ratio (NVP)	69%
Operating Temperature Range	-20˚C to +60˚C
Installation Temperature Range	0˚C to +50˚C

Product Specifications

Inner Conductor	23 AWG plain copper
Insulation	High density polyethylene
Construction	4 twisted pairs cabled together with spline
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
Impedance	100 Ohm +/- 15 Ohm
Conforms to	ANSI/TIA-568-C, ISO 11801 CENELEC EN 50173
Euroclass Rating	Eca

Diagram

1. Copper Core
2. HDPE Insulation
3. Cross Member
4. Outer Sheath PVC
5. Rip Cord

Ordering Information

Description	Part Number
Cat6 UTP PVC Solid Cable 100m Box	001-003-004-92
Cat6 UTP PVC Solid Cable 305m Box	001-003-005-00S