

Category 6 Solid U/UTP External Cable

Category 6 unshielded twisted pair cable is designed for use in next generation data communications networks, and will comfortably support all present applications including 2.5Gbp–5Gbp Ethernet.

Connectix Category 6 U/UTP Solid Cable offers the performance characteristics required by the ever present Category 6 Standard. When used in conjunction with Connectix Category 6 Modules and Patch Panels the user will get a link performance exceeding Category 6 Specification requirements.

Features & Benefits

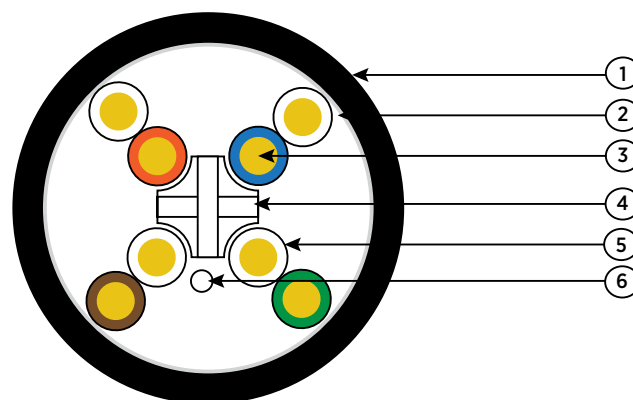
- Category 6 performance
- External Grade Cable
- UL tested
- Individually tested in the UK
- Supplied metre marked for easy installation
- Performance exceeding Category 6 specifications
- Fca Rating
- Available in 100m & 305m boxes



Electrical Specifications				
DC Resistance Unbalance	Max 2.5			
Insulation Resistance	>5000mΩ*km			
Characteristic Impedance @1-250 MHz	100 Ohm +/- 15Ohm			
Velocity Ratio (NVP)	69%			
Operating Temperature Range	-20°C to +60°C			
Installation Temperature Range	0°C to +50°C			
Transfer Impedance (mΩ/m)	1MHz	10MHz	30MHz	100MHz

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	PE external (Black)
RAL Colour	Black – 9004
Overall Diameter	6.2mm +/- 0.3mm
Min. Bending Radius	25mm
Impedance	100Ohm +/- 15Ohm
Conforms To	ANSI/TIA-568-C, ISO11801, CENELEC EN 50173
Length Available	100m & 305m

Diagram



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|-------------------------------------|---------------------------|
| 01 Outer Sheath PE | 04 Cross Member |
| 02 High Density Polyethylene | 05 HDPE Insulation |
| 03 Copper Core | 06 Rip Cord |

Ordering Information

Description	Part Number
Cat 6 Solid U/UTP External Cable 100m Box	001-003-004-90
Cat 6 Solid U/UTP External Cable 305m Box	001-003-005-10