



Features & Benefits

- Category 6 performance
- External grade cable available
- UL tested
- Every box individually tested in the UK
- Supplied metre marked for easy installation
- Performance exceeding Category 6 specifications

Specification

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
Jacket	PVC, PE (external) or Low Smoke Zero Halogen
Overall Diameter	5.5mm +/- 0.2mm
Weight (Kg/Km)	39.1 (PVC/PE)/41.2 (LSZH)
Min Bending Radius Installation	50mm
Min Bending Radius Installed	25mm
Impedance	100 Ohm +/- 15 Ohm
Capacitance	< 5.6nF/100m
DC Resistance	< 9 Ω /100m
Velocity Ratio	69%
Operating Temperature Range	-20°C to +60°C
Installation Temperature Range	0°C to +50°C
Conforms to	ANSI/TIA-568-C Category 6 Specification
LSZH Jacket Conforms to	IEC 60332-1, IEC 61034 and IEC 60754

Ordering Information

Product Description	Part Number
Cat 6 UTP PVC Solid Cable (Grey)	001-003-005-00X
Cat 6 UTP External Solid Cable (Black)	001-003-005-10X
Cat 6 UTP LSZH Solid Cable (Violet)	001-003-005-60X

Category 6 Unshielded Twisted Pair Cable is designed for use in next generation data communications networks, and will comfortably support all present applications including Gigabit Ethernet.

Connectix Category 6 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 requirements.

