

Category 6 Solid U/UTP LSZH Eca Cable

Cat 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 Cat 6 U/UTP Solid Cable offers the performance

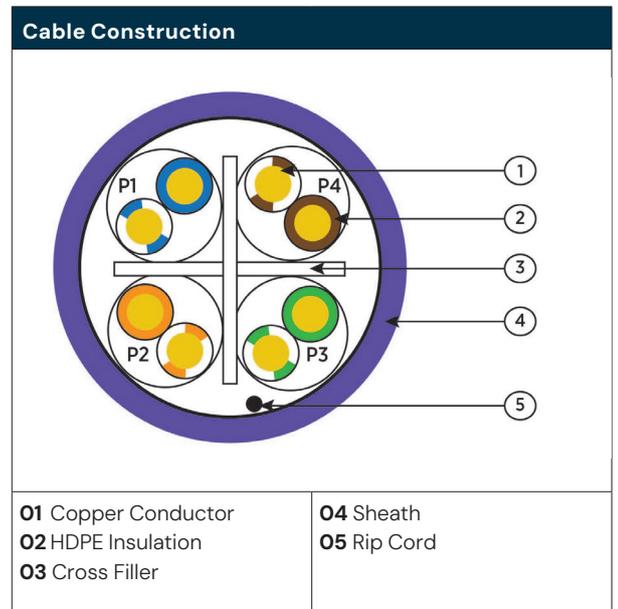
characteristics required by the ever present Cat 6 Standard. When used in conjunction with Connectix Cat 6 Modules and Patch Panels the user will get a link performance exceeding Category 6 Specification requirements.

Features & Benefits

- LSZH (Low Smoke Zero Halogen) Outer Sheath
- Performance exceeding Cat6 specifications
- UL tested
- Every box individually tested in the UK
- Supplied metre marked for easy installation
- Eca Fire Rating
- Available 305m Box



Cable 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 Pair 2: White-Orange/Orange Pair 3: White-Green/Green Pair 4: White-Brown/Brown
Sheath	Low Smoke Zero Halogen
RAL Colour	Violet - 4001
Overall Diameter (mm)	5.5 +/- 0.2
Weight (Kg/Km)	39.1 (PVC/PE)/41.2 (LSZH)
Min. Bending Radius Installation (mm)	50
Min. Bending Radius Installed (mm)	25
Conforms To	ANSI/TIA-568-C, Cenelec EN50173 and ISO 1180
LSZH Jacket Conforms To	IEC 60332-1, IEC 61034 and IEC 60754
Euroclass Rating	Eca
Electrical Specifications	
DC Resistance	<9 Ω/100 m
Insulation Resistance	>5000mΩ*km
Capacitance Unbalance (pair to ground)	<5.6nF/100 m
Velocity Ratio (NVP)	69%
Operating Temperature Range	-20°C to +60°C
Installation Temperature Range	0°C to +50°C
Characteristic Impedance @1-250 MHz	100 Ohm +/- 15 Ohm



Ordering Information	
Product Description	Part Number
Cat 6 Solid UTP LSZH Cable 305m Box	001-003-005-60S