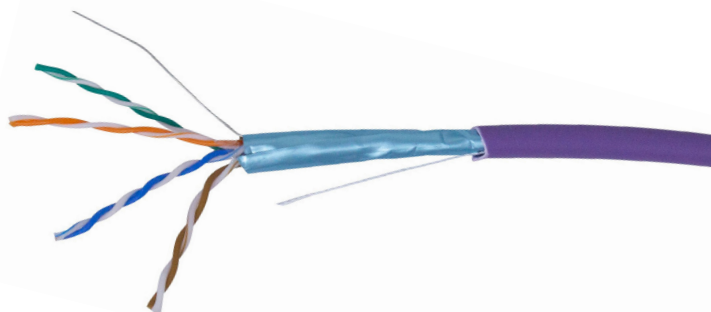


Category 5e Solid F/UTP LSZH Cable

Connectix Cat 5e F/UTP LSZH Cable is designed for high speed LANs including Gigabit Ethernet applications. When used with Connectix FTP Modules and Panels 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 purple LSZH outer sheaths.

Features & Benefits

- Supplied in easy pull boxes for easy installation
- Excellent performance – exceeding ANSI/TIA-568-C
- Metre marked
- Excellent electromagnetic compatibility
- 24 AWG solid copper cores
- Suitable for Gigabit Ethernet applications
- 25 Year System Warranty Available
- Available in 100m and 305m boxes



Electrical Specifications				
DC Resistance Unbalance	Max 2.5			
Insulation Resistance	>5000mΩ*km			
Capacitance Unbalance (pair to ground)	< 5.6nF/100m			
Characteristic Impedance @1-250 MHz	100Ohms ± 15Ohms			
Velocity Ratio (NVP)	72%			
Operating Temperature Range	-20°C to +70°C			
Installation Temperature Range	0°C to +50°C			
Transfer Impedance (mΩ/m)	1MHz	10MHzw	30 MHz	100MHz

Product Specifications		
Inner Conductor	0.52mm plain copper	
Insulation	0.91mm solid polyethylene	
Screen	Overall aluminium / polyester type longitudinally applied, aluminium side in with a 0.40mm tinned copper drain wire applied under the screen	
Construction	4 twisted pair cables together and wrapped in polyester tape	
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 (LSZH)	
RAL Colour	Violet – 4001	
Overall Diameter	5.80 ± 0.30mm	
Impedance	100Ohms ± 15Ohms	
LSZH Sheath Conforms to	IEC 60332-1, IEC 61034 and IEC 60754, ANSI/TIA- 568-C, ISO11801, CENELEC EN 50173	
Euroclass Rating	100m – Dca	305m – Eca

Cable Construction	
01 Copper Conductor	05 Jacket
02 HDPE Insulation	06 Drain Wire
03 PET	07 Rip Cord
04 Aluminium Foil	

Ordering Information	
Product Description	Part Number
Cat 5e Solid F/UTP LSZH Cable 100m Box	001-003-004-88
Cat 5e Solid F/UTP LSZH Cable 305m Box	001-004-001-62