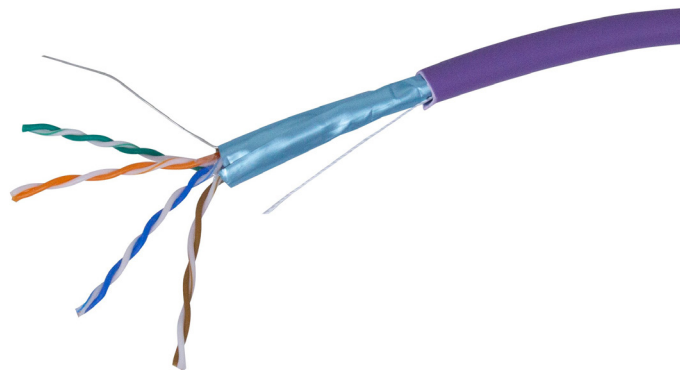


# Category 5e Solid F/UTP LSZH Cable

Connectix Cat5e 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



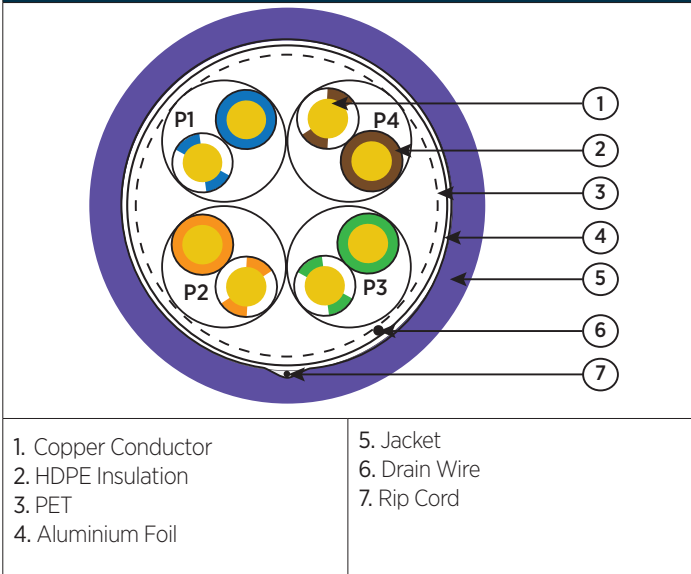
## Electrical Specifications

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

## Product Specifications

Inner Conductor	0.52 mm plain copper		
Insulation	0.91 mm solid polyethylene		
Screen	Overall aluminium / polyester type longitudinally applied, aluminium side in with a 0.40 mm 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 ± 0.30 mm		
Impedance	100 Ohms ± 15 Ohms		
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	

## Diagram



## Ordering Information

Description	Part Number
Cat5e Solid F/UTP LSZH Cable 100m Box	001-003-004-88
Cat5e Solid F/UTP LSZH Cable 305m Box	001-004-001-62