Copper Cabling Solutions
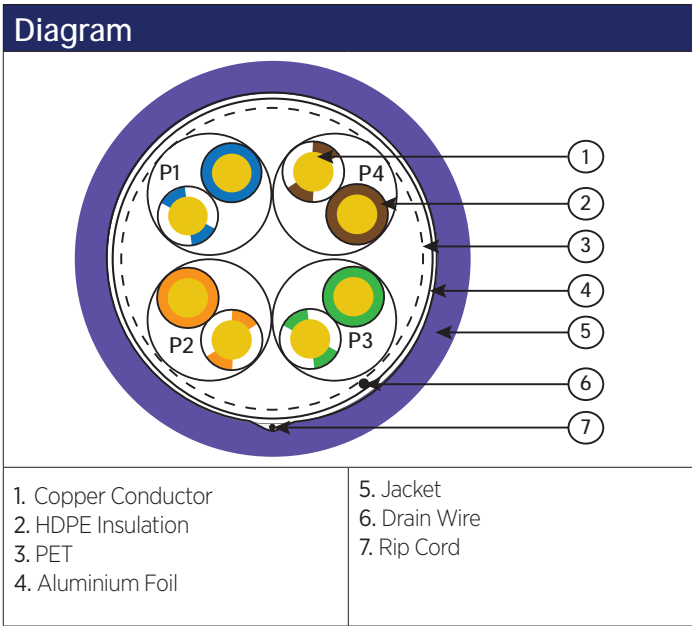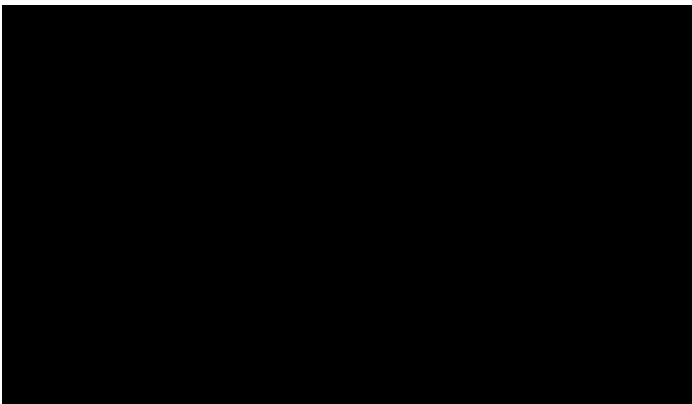## Category 5e Solid FTP LSZH Eca Cable

Connectix Cat 5e FTP 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

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	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
Euroclass Rating	Eca

Diagram

1. Copper Conductor
2. HDPE Insulation
3. PET
4. Aluminium Foil

5. Jacket
6. Drain Wire
7. Rip Cord

Ordering Information

Description	Part Number
Cat 5e Solid FTP Eca LSZH Cable	001-004-001-62

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