

# PRODUCT SPECIFICATION

## U/UTP 25-PAIRS CABLE, CATEGORY 5E, LSFRZH

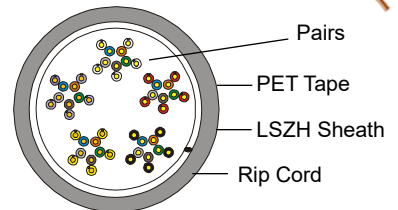
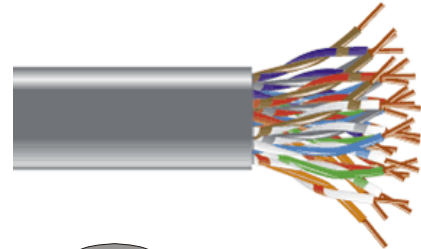
### INTRODUCTION

The Category 5E multi-pair cable is used for voice or telco applications which is constructed of solid bare copper conductors with PVC or LSZH jacket.

### CAT5E 25-PAIR U/UTP CABLE, LSZH

The 25-pair Category 5E U/UTP cable is composed of 24 AWG (0.50) solid bare copper conductors and fully complied with TIA-568-D.2 Category 5E component standards.

The cable sheath is marked with meter which allows simple and easy calculation of the cable remaining in the box.



### FEATURES

- Available in 305 meters (1000ft) per drum
- 24 AWG bare solid copper conductor
- Available in PVC and LSZH jacket
- 25-year system warranty available

### REFERENCE STANDARDS

- RoHs/REACH complied
- Flame Test: IEC60332-1 & 60332-3-22
- Acid Gas Test: IEC60754-2
- Smoke Test: IEC61034-2
- ISO/IEC 11801; TIA/EIA-568-D.2

### APPLICATIONS

- Voice
- T1
- Telco
- 10BASE-T
- 100BASE-T

### SPECIFICATIONS

<b>Product Number:</b>	CCUU5E025LSZ	<b>Electrical Characteristics (20°C)</b>	1-100MHz Impedance ( $\Omega$ ) $100 \pm 15$ Delay Shew (ns/100m) $\leq 45$ NVP 68% DC Resistance( $\Omega$ /100m) max: 9.5 DC Conductor Resistance Unbalance (%) max 5.0
<b>Category:</b>	CAT5E	<b>Packing:</b>	Drum
<b>Conductor (1):</b>	Solid Bare Copper 0.5mm Norm.O.D. $\pm 0.005$	<b>Packing Length:</b>	$305 \pm 1.5m$
<b>Insulation (2):</b>	HDPE; Diameter $0.9 \pm 0.05mm$	<b>Installation Temperature:</b>	$-30^{\circ}C \sim +50^{\circ}C$
<b>Rip-cord (3):</b>	Yes		
<b>Shielded (4):</b>	PET Tape		
<b>Sheath (5):</b>	Thickness: $1.0 \pm 0.2mm$ External O.D.: $13.5 \pm 0.8mm$ Surface: Clean, Frap, Satiation Material: LSZH Color: Multiple		
<b>Drain Wire:</b>	No		
<b>Surface Printing:</b>	Letter height: $3.0 \pm 0.3mm$ Color: Black Print error & space: $\leq \pm 1\%$ , 1m		

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