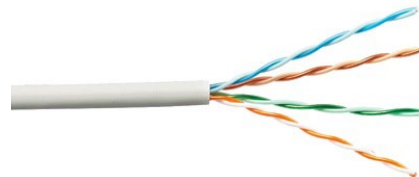




## PRODUCT SPECIFICATION U/UTP, CATEGORY 5e (100MHz), LSFRZH SHEATH

### INTRODUCTION

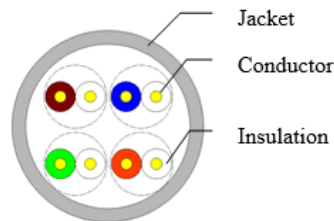
Lux Category 5e U/UTP Copper Network Cabling Solution is carrying up to one Gigabit of data per second over an Ethernet channel within 100m of cable segment. The solution is designed to be quick and easy to install and no special installation tools are required.



### CAT5e U/UTP CABLE

The 4-pair Category 5e U/UTP cable is composed of 24 AWG (0.50) solid bare copper conductors and fully meets ISO/IEC11801 and TIA/EIA-568-C.2.

The cable is supplied in 305 meters (1000ft) box and available in PVC or LSZH. The cable sheath is meter marked, and allowing for quick and easy measurement of the cable remaining in the box. A cable measurement record table is printed on every box to help the installers keep track of lengths used.



The solution is suitable for all Category 5e copper network cabling.

### FEATURES

- Conforms to Category 5e standards
- 24 AWG Bare solid copper conductor
- LSFRZH jacket
- 25 year system warranty available

### REFERENCE STANDARDS

- RoHs/REACH complied
- Flame Test: IEC60332-1 & IEC60332-3
- Acid Gas Test: IEC60754-2
- Smoke Test: IEC61034-2
- Oxygen Test: ASTM D2863
- ISO/IEC 11801-1 Class E; TIA/EIA-568-D.2; EN50173-1

### APPLICATIONS

- 10BASE-T (Ethernet)
- 100BASE-TX (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- Supports IEEE 802.3bt (90W)

### SPECIFICATIONS

<b>Product Number:</b>	CCUU5E004LSZXX (XX = Color Code)	<b>Electrical Characteristics (20°C)</b>	1.0-100MHz Impedance (Ω) 100±15 1.0-100MHz Delay Shew (ns/100m) ≤ 45 NVP 69% Capacitance (nF/100m) max: 5.6 DC Resistance( Ω/100m) max: 9.5 DC Conductor Resistance Unbalance (%) max 5.0
<b>Category:</b>	CAT5e	<b>Packing:</b>	Wooden Tray & Carton
<b>Conductor:</b>	Solid Bare Copper 0.5mm Nom.O.D. ±0.005	<b>Carton:</b>	35cm*35cm*20cm
<b>Insulation:</b>	HDPE; Diameter 0.88±0.03mm	<b>Packing Length:</b>	(305±1.5)m
<b>Sheath:</b>	Thickness: 0.50±0.05mm External O.D.: 5.0± 0.4mm Surface: Clean, Frap, Satiation Material: LSZH Color: According to the requirement	<b>Rip-cord:</b>	Yes
<b>Surface Printing:</b>	Letter height: 3.0±0.3mm Color: Black Print error & space: ≤ ±0.5%,1m	<b>Drain Wire:</b>	No
<b>Core Color</b>	1 White-Blue/Blue; 2 White-Orange/Orange 3 White-Green/Green; 4 White-Brown/Brown	<b>Installation Temperature:</b>	-10°C ~ +60°C
		<b>Operation Temperature:</b>	-15°C ~ +70°C



The information and specification in this document are subjected to change without notice