



# PRODUCT SPECIFICATION

## ULTRA SLIM CATEGORY 6 U/UTP CABLE, LSZH SHEATH

### INTRODUCTION

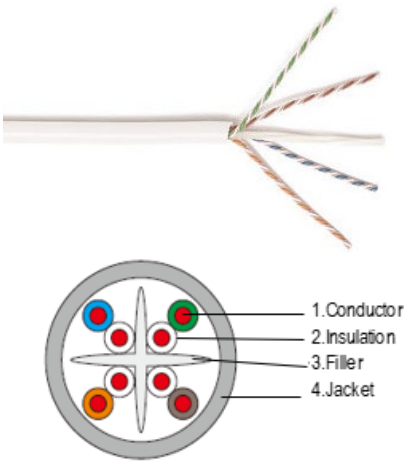
Lux's ultra slim Category 6 U/UTP Copper Network Cabling Solution is used for 10/100/1000BASE-T application perform to the workstation or tie cable up to the cable segment of 70 meters. With the compact design, it is best for office cabling, residential and data center application.

### CAT6 U/UTP CABLE

The 4-pair Category 6 U/UTP cable is composed of 25 AWG (0.44) solid bare copper conductors with just Ø4.6mm outer diameter.

The cable sheath is marked with meter which allows simple and easy calculation of the cable remaining in the box. A cable measurement record table is printed on each box to help installers keep track of the lengths used.

The solution is suitable for all Category 6 copper network cabling up to 70m.



### FEATURES

- 25 AWG bare solid copper conductor
- Small Outer Diameter Ø4.6mm which is smaller than Cat5e
- Flexible for cable laying
- Reel in box for better cable installation
- Standard in LSZH jacket

### REFERENCE STANDARDS

- RoHs/REACH complied
- TIA Cat6 Perm.Link (70m)
- ISO 11801 PL Class E (70m)
- Flame Test: IEC60332-1
- Acid Gas Test: IEC60754-1&2
- Smoke Test: IEC61034-1&2

### APPLICATIONS

- 10BASE-T (Ethernet)
- 100BASE-TX (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)

### SPECIFICATIONS

<b>Product Number:</b>	CSUU6X004LSZ-GY	<b>Electrical Characteristics (20°C)</b>	1-100MHz Impedance (Ω) 100±15 100-250MHz Impedance (Ω) 100±20 DC Resistance( Ω/km) max: 132.4
<b>Category:</b>	CAT6	<b>Packing:</b>	Carton Box (305m / 1000 feet)
<b>Conductor:</b>	Solid Bare Copper 0.44mm Norm O.D. ±0.01	<b>Carton:</b>	TBC
<b>Insulation:</b>	HDPE; Diameter 0.78±0.08mm	<b>Packing Length:</b>	305±1.5m
<b>Sheath:</b>	External O.D: 4.6± 0.2mm Surface: Clean, Frap, Satiation Material: LSZH Color: GREY	<b>Rip-cord:</b>	No
<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>	-20°C ~ +60°C
		<b>Operation Temperature:</b>	-20°C ~ +60°C

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

