

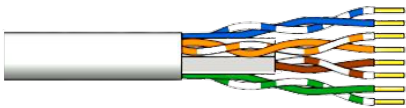


# PRODUCT SPECIFICATION

## U/UTP CABLE, CATEGORY 6<sub>A</sub> (650 MHz), LSZH SHEATH

### INTRODUCTION

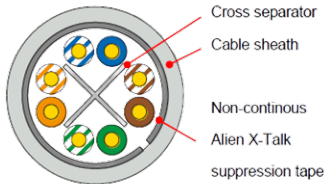
Category 6<sub>A</sub> (Augmented) U/UTP Copper Network Cabling Solution improves the performance standard for twisted pair cable systems, especially in the realm of alien crosstalk compared to Category 6. The Category 6<sub>A</sub> U/UTP cable with a frequency of 650MHz can transmit data at 10BASE-T, 100BASE-TX, 1000BASE-T and 10GBASE-T.



### CAT6<sub>A</sub> U/UTP CABLE

The Category 6<sub>A</sub> U/UTP cable is composed of 23 AWG (0.57) solid bare copper conductors and fully complied with ISO/IEC11801 Class E<sub>A</sub> and TIA/EIA-568-D.2 standards.

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<sub>A</sub> copper network cabling.

### FEATURES

- Conforms to Category 6<sub>A</sub> standards
- 23 AWG bare solid copper conductor
- Available in PVC or LSZH jacket
- 25-year system warranty available

### REFERENCE STANDARDS

- RoHs/REACH complied
- Flame Test: IEC60332-1
- Acid Gas Test: IEC60754-1&2
- Smoke Test: IEC61034-1&2
- ISO/IEC 11801 Class E<sub>A</sub>; TIA/EIA-568-D.2

### APPLICATIONS

- 10BASE-T (Ethernet);
- 100BASE-T (Fast Ethernet);
- 1000BASE-T (Gigabit Ethernet);
- 10GBASE-T (Gigabit Ethernet);
- Supports IEEE802.3.bt (Type 4)

### SPECIFICATIONS

<b>Product Number:</b>	CCUU6A004LSZ-XX (XX = Color Code)	<b>Electrical Characteristics (20°C)</b>	1-100MHz Impedance (Ω) 100±15 100-250MHz Impedance (Ω) 100±20 250-650MHz Impedance (Ω) 100±25 DC Resistance(Ω/100m) max: 8.5
<b>Category:</b>	CAT6 <sub>A</sub>	<b>Packing:</b>	Wooden Drum
<b>Conductor:</b>	Solid Bare Copper 0.57mm Norm O.D. ±0.01	<b>Carton:</b>	40.5cm*40.5cm*21cm
<b>Insulation:</b>	HDPE; Diameter 1.11±0.03mm	<b>Packing Length:</b>	500±1.5m
<b>Sheath:</b>	Thickness: 0.70±0.05mm (Avg.) External O.D.: 7.4± 0.2mm Surface: Clean, Frap, Satiation Material: LSZH Color: According to the requirement	<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>	0°C ~ +50°C
		<b>Operation Temperature:</b>	-30°C ~ +50°C

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

