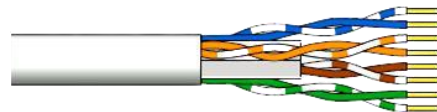


# PRODUCT SPECIFICATION

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

### INTRODUCTION

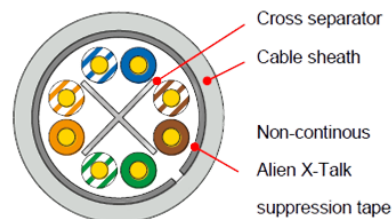
Category 6<sub>A</sub> (Augmented) U/UTP Copper Network Cabling Solution improves the performance standards for twisted pair cable systems, especially in the realm of alien crosstalk compared to Category 6. The Category 6<sub>A</sub> U/UTP cable with a frequency of 650MHz can transmit data at 10BASE-T, 100BASE-TX, 1000BASE-T and 10G BASE-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:  
CM - UL1685 | CMR - UL1666 | CMP - UL910
- 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)
- IEEE802.3.an

### SPECIFICATIONS

|                          |   |  |  |
|--------------------------|---|--|--|
| <b>Product Number:</b>   | CCUU6A004CMG-XX (XX = Color Code; CM)<br>CCUU6A004CMR-XX (XX = Color Code; CMR)<br>CCUU6A004CMP-XX (XX = Color Code; CMP)                             | <b>Electrical Characteristics (20°C)</b> | 1-100MHz Impedance (Ω) 100±15<br>100-250MHz Impedance (Ω) 100±20<br>250-650MHz Impedance (Ω) 100±25<br>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<br>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.)<br>External O.D.: 7.4± 0.2mm<br>Surface: Clean, Frap, Satiation<br>Material: PVC<br>Color: According to the requirement | <b>Rip-cord:</b>                         | No   |
| <b>Surface Printing:</b> | Letter height: 3.0±0.3mm<br>Color: Black<br>Print error & space: ≤ ±0.5%,1m   | <b>Drain Wire:</b>                       | No   |
| <b>Core Color</b>        | 1 White-Blue/Blue; 2 White-Orange/Orange<br>3 White-Green/Green; 4 White-Brown/Brown  | <b>Installation Temperature:</b>         | 0°C ~ +50°C  |
|                          |   | <b>Installation Temperature:</b>         | -30°C ~ +50°C  |

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