



COMMUNICATIONS

Let's Get Connected

PRODUCT SPECIFICATION

U/FTP CABLE, CATEGORY 6_A (650MHz), LSZH SHEATH

INTRODUCTION

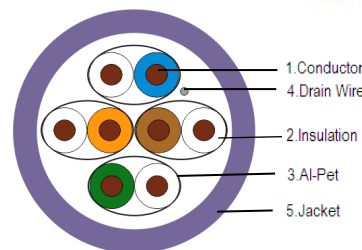
Category 6_A (Augmented) U/FTP Copper Network Cabling Solution improves the performance standard for twisted pair cable systems, especially in the realm of alien crosstalk compared to Category 6. The Category 6_A U/FTP cable with a frequency of 650MHz can transmit data at 10BASE-T, 100BASE-TX, 1000BASE-T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



CAT6_A U/FTP CABLE

The Category 6_A U/FTP cable is composed of 23 AWG (0.56) solid bare copper conductors. Each twisted pair is with individual aluminum foil shielding and fully complied with ISO/IEC11801 Class E_A 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_A copper network cabling.

FEATURES

- Conforms to Category 6_A 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_A; 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

Product Number:	CCUF6A004LSZ-XX (XX = Color Code)
Category:	CAT6 _A
Conductor:	Solid Bare Copper 0.56mm Norm O.D. ±0.01
Insulations:	Skin-foam-skin PE; Diameter 1.33±0.1mm
Screening Material:	Aluminum Foil
Sheath:	Thickness: 0.55±0.05mm External O.D.: 7.2± 0.2mm Surface: Clean Material: LZSH Color: According to the requirement
Surface Printing:	Letter height: 3.0±0.3mm Color: Black Print error & space: ≤ ±0.5%,1m
Core Color	1 White-Blue/Blue; 2 White-Orange/Orange 3 White-Green/Green; 4 White-Brown/Brown

Electrical Characteristics (20°C)	1-100MHz Impedance (Ω) 100±15 100-250MHz Impedance (Ω) 100±20 250-650MHz Impedance (Ω) 100±25 DC Resistance (Ω/100m) max: 8.6
Packing:	Wooden Drum
Packing Length:	500±1.5m
Rip-cord:	No
Drain Wire:	Yes
Installation Temperature:	-20°C ~ + 60°C
Operation Temperature:	-20°C ~ + 60°C

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

