



COMMUNICATIONS

Let's Get Connected

PRODUCT SPECIFICATION

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

INTRODUCTION

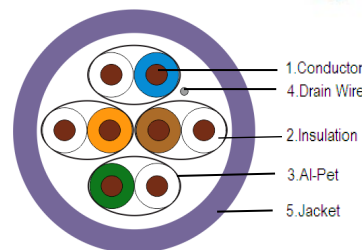
Category 6_A (Augmented) U/FTP Copper Network Cabling Solution improves the performance standard for twisted pair cable systems, especially in the realm of alien crosstalk compared to Category 6. The Category 6_A U/FTP cable with a frequency of 650MHz can transmit data at 10BASE-T, 100BASE-TX, 1000BASE-T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

REFERENCE STANDARDS

- EN 50575 CPR B2ca s1a-d1-a1
- Flame Test: IEC 60332-3-22
- Acid Gas Test: IEC 60754-2
- Smoke Test: IEC 61034
- ISO/IEC 11801 2nd Ed 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: | CCUF6A004LSR-XX (XX = Color Code) |
| Category: | CAT6 _A |
| Conductor: | Solid Bare Copper 0.56mm Norm O.D. ±0.01 |
| Insulations: | Skin-foam-skin PE; Diameter 1.35±0.1mm |
| Screening Material: | Aluminum Foil |
| Sheath: | Thickness: ≥0.65mm External O.D.: 7.6± 0.4mm Surface: Clean Material: LZFRSH 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

