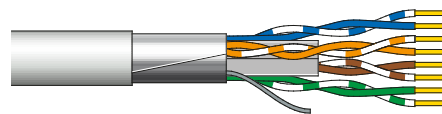# PRODUCT SPECIFICATION
U/UTP CABLE, CATEGORY 6$_A$ (500 MHz), LSFRZH SHEATH

INTRODUCTION

Category 6$_A$ (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$_A$ U/UTP cable with a frequency of 500MHz can transmit data at 10BASE-T, 100BASE-TX, 1000BASE-T and 10GBASE-T.
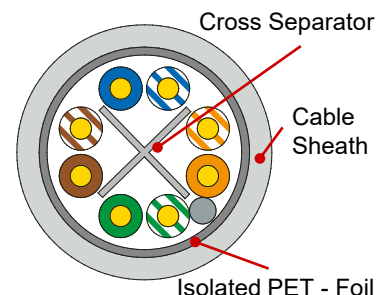

CAT6$_A$ U/UTP CABLE

The Category 6A U/UTP cable is composed of 23 AWG (0.555) solid bare copper conductors with a single PET – foil as an overall screen. It fully complies with ISO/IEC11801 Class EA 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.

Cross Separator
Cable Sheath
Isolated PET - Foil

FEATURES

- Conforms to Category 6$_A$ standards
- 23 AWG bare solid copper conductor
- LSFRZH jacket
- 25-year system warranty available

REFERENCE STANDARDS

- RoHs/REACH complied
- Flame Test: IEC60332-1 & 60332-3-22
- Acid Gas Test: IEC60754-1&2
- Smoke Test: IEC61034-1&2
- ISO/IEC 11801 Class E$_A$; ANSI/TIA-568-D.2; EN 50173-1

APPLICATIONS

- 10BASE-T; 100BASE-T; 1000BASE-T; 10GBase-T
- IEE802.3.an
- IEEE 802.3af / IEEE 802.3at / IEEE 802.3bt

SPECIFICATIONS

Product Number:	CCUU6A004LSR-XX (XX = Color Code)	**Mean Electrical Characteristics (20°C)**	100 ± 15 Ω DC Loop Resistance(Ω/100m) ≤ 18.8 Ω
Category:	CAT6$_A$		
Conductor:	Solid Bare Copper 0.555mm Norm O.D. ±0.01	**Nominal velocity of propagation:**	Approx. 64 %
Insulation:	HDPE; Diameter 1.11±0.03mm		
Sheath:	Thickness: 0.70±0.05mm (Avg.) External O.D.: 7.2± 0.2mm Surface: Clean, Frap, Satiation Material: LSFRZH Color: According to the requirement	**Packing:**	Wooden Drum
		Carton:	40.5cm*40.5cm*21cm
		Packing Length:	500±1.5m
		Rip-cord:	No
Surface Printing:	Letter height: 3.0±0.3mm Color: Black Print error & space: ≤ ±0.5%,1m	**Drain Wire:**	No
		Installation Temperature:	0°C ~ +60°C
Core Color	1 White-Blue/Blue; 2 White-Orange/Orange 3 White-Green/Green; 4 White-Brown/Brown	**Operation Temperature:**	-20°C ~ + 75°C

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