

PRODUCT SPECIFICATION

U/UTP, CATEGORY 5e (100MHz), LSFRZH SHEATH

INTRODUCTION

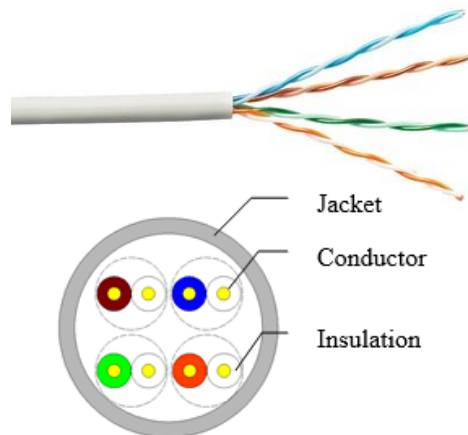
Lux Category 5e U/UTP Copper Network Cabling Solution is carrying up to one Gigabit of data per second over an Ethernet channel within 100m of cable segment. The solution is designed to be quick and easy to install and no special installation tools are required.

CAT5e U/UTP CABLE

The 4-pair Category 5e U/UTP cable is composed of 24 AWG (0.50) solid bare copper conductors and fully meets ISO/IEC11801 and TIA/EIA-568-D.2.

The cable is supplied in 305 meters (1000ft) box and available in PVC or LSZH. The cable sheath is meter marked, and allowing for quick and easy measurement of the cable remaining in the box. A cable measurement record table is printed on every box to help the installers keep track of lengths used.

The solution is suitable for all Category 5e copper network cabling.



FEATURES

- Conforms to Category 5e standards
- 24 AWG Bare solid copper conductor
- LSZH jacket
- 25 year system warranty available

REFERENCE STANDARDS

- RoHs/REACH complied
- Flame Test: IEC60332-1 & IEC60332-3
- Acid Gas Test: IEC60754-1&2
- Smoke Test: IEC61034-2
- Oxygen Test: ASTM D2863
- ISO/IEC 11801 Class E; TIA/EIA-568-D.2

APPLICATIONS

- 10BASE-T (Ethernet)
- 100BASE-TX (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)

SPECIFICATIONS

Product Number:	CCUU5E004LSZXX (XX = Color Code)	Electrical Characteristics (20°C)	1.0-100MHz Impedance (Ω) 100 ± 15 1.0-100MHz Delay Shew (ns/100m) ≤ 45 NVP 69%
Category:	CAT5e		Capacitance (nF/100m) max: 5.6 DC Resistance (Ω /100m) max: 9.5 DC Conductor Resistance Unbalance (%) max 5.0
Conductor:	Solid Bare Copper 0.5mm Nom.O.D. ± 0.005	Packing:	Wooden Tray & Carton
Insulation:	HDPE; Diameter 0.88 ± 0.03 mm	Carton:	35cm*35cm*20cm
Sheath:	Thickness: 0.50 ± 0.05 mm External O.D.: 5.0 ± 0.4 mm Surface: Clean, Frap, Satiation Material: LSZH Color: According to the requirement	Packing Length:	(305 ± 1.5)m
Surface Printing:	Letter height: 3.0 ± 0.3 mm Color: Black Print error & space: $\leq \pm 0.5\%$, 1m	Rip-cord:	Yes
Core Color	1 White-Blue/Blue; 2 White-Orange/Orange 3 White-Green/Green; 4 White-Brown/Brown	Drain Wire:	No
		Installation Temperature:	-10°C ~ +60°C
		Operation Temperature:	-15°C ~ +70°C

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