



PRODUCT SPECIFICATION

F/UTP CABLE, CATEGORY 6 (250MHz), PVC SHEATH

INTRODUCTION

Lux Category 6 F/UTP cable is with an overall foil shield (F) and unscreened twisted pairs (UTP). The overall foil shield helps to prevent EMI from entering or exiting the cable, also protects the system from harsh EMI environments to optimize data throughput.

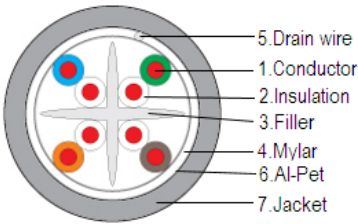
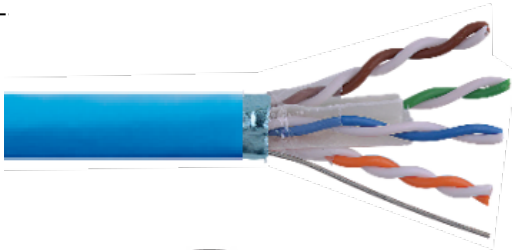
The cable is used for 10/100/1000BASE-T applications perform to the workstation or tie cable up to cable segment of 100 meters. With well design and installation planning, the Category 6 F/UTP cable can support 10GBASE-T applications with cable lengths from 37 meters up to 55 meters.

CAT6 F/UTP CABLE

The 4-pair Category 6 F/UTP cable is composed of 23 AWG (0.54) solid bare copper conductors and fully complied with ISO/IEC11801 Class E 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 copper network cabling.



FEATURES	REFERENCE STANDARDS	APPLICATIONS
<ul style="list-style-type: none">Conforms to Category 6 standards23 AWG bare solid copper conductorAvailable in PVC or LSZH jacket25-year system warranty available	<ul style="list-style-type: none">RoHs/REACH compliedFlame Test: CM - UL1685 CMR – UL1666 CMP – UL910ISO/IEC 11801 Class E; TIA/EIA-568-D.2	<ul style="list-style-type: none">10BASE-T (Ethernet)100BASE-TX (Fast Ethernet)1000BASE-T (Gigabit Ethernet)IEEE 802.3bt (Type 4)

SPECIFICATIONS

Product Number:	CCFU6X004CMG-XX (XX = Color Code; CM) CCFU6X004CMR-XX (XX = Color Code; CMR) CCFU6X004CMP-XX (XX = Color Code; CMP)	Electrical Characteristics (20°C)	1-100MHz Impedance (Ω) 100±15 100-250MHz Impedance (Ω) 100±20 DC Resistance(Ω/100m) max: 9.2
Category:	CAT6	Packing:	Wooden Drum
Conductor:	Solid Bare Copper 0.54mm Norm.O.D. ±0.01	Packing Length:	500±1.5m
Insulations:	Solid PE; Diameter 1.05±0.08mm	Rip-cord:	No
Screening Material:	Aluminum Foil	Drain Wire:	Yes
Sheath:	Thickness: 0.60±0.05mm External O.D.: 7.20± 0.2mm Surface: Clean, Frap, Satiation Material: PVC Color: According to the requirement	Installation Temperature:	0°C ~ +50°C
Surface Printing:	Letter height: 3.0±0.3mm Color: Black Print error & space: ≤ ±0.5%,1m	Operation Temperature:	-30°C ~ +50°C
Core Color	1 White-Blue/Blue; 2 White-Orange/Orange 3 White-Green/Green; 4 White-Brown/Brown		

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

