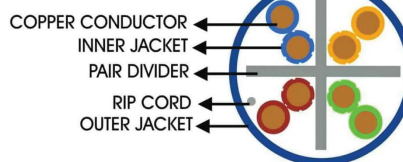


### CAT 6 U/UTP SERIES DATA CABLE

Category 6 23AWG U-UTP cable 305m copper are Manufactured Tested and Complied with ANSI/TIA/568.2-D CENELEC EN 50288-5 IEC 61156-5 (ISO/IEC-11801 Class -Ea). Cat6 Series is Designed to Ensure the Highest levels of performance, reliability, and longevity, and are ideal for large enterprise and small business.

#### CAT6 U/UTP SERIES



### PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	23AWG Copper
Insulation	HDPE
Number of insulated conductors	8 twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	LSZH
Standard Jacket Color	Blue/Black/Grey/Violet/Orange/White/Aqua/Yellow/Violet/Red
Pulling force	100 N MAX
Short Term Bend Radius	6xOD (Mm)
Storage Temperature	-20 To +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

### ELECTRICAL SPECIFICATIONS

Characteristic Impedance	1–100MHz: 100 Ω ± 15%; 1–350MHz: 100 Ω ± 18%; 1–500MHz: 100 Ω ± 25%
DC Resistance	93 Ohm/Km max
Resistance unbalance	2% max.
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz
Cap Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.
Voltage rating	72 Vdc max.
Dielectric strength	1500 Volts/1 minute min rms
Velocity of Propagation (NVP)	67-69%
Insulation Resistance	5000 MOhm•m min. @ 500 Vdc
Coupling attenuation	IEC 61156-5 TYPE III

### ORDER INFORMATION

Part Number	Description
CC6UD23H -XX	CABCOMM Cat6 U/UTP 23AWG 4Pair , 305M LSZH, XX, Cable

XX= Colour

Bl= Blue BK=Black GY=Grey VI=Violet OR=Orange WH=White AQ=Aqua YL=Yellow RD=Red