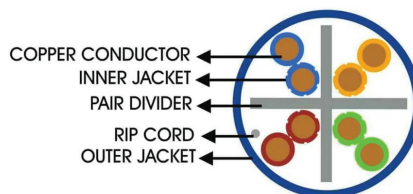


CAT 6A U/UTP SERIES DATA CABLE

Category 6A 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). Cat6A Series is Designed to Ensure the Highest levels of performance, reliability, and longevity, and are ideal for large enterprise and small business.



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
CC6AUD23H -XX	CABCOMM Cat6A U/UTP 23AWG 4Pair , 305M LSZH, XX, Cable