

CAT6A

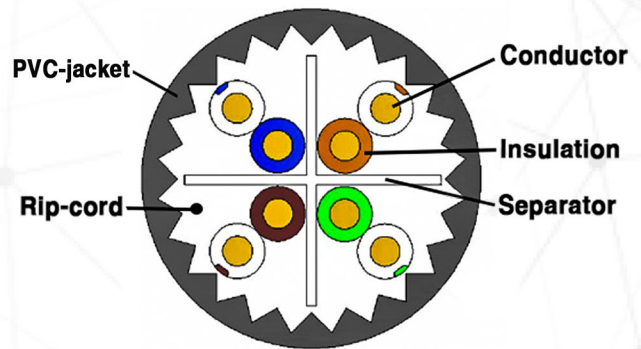
UTP INDOOR



BlueStorm 23AWG Cat6A 500MHz UTP Solid Bare Copper Ethernet Cable is high-speed cabling specifically designed for use in 10GBase-T (10Gbps) indoor network environments. Constructed using 23AWG solid pure bare copper conductors with a PVC jacket and a cross separator, it exceeds TIA/EIA 568-C.2 standards and it is safe for use in the Riser spaces of commercial class buildings. This cable is RoHS compliant.

The category 6A UTP system complies with all of the performance requirements for current and proposed applications such as Gigabit Ethernet (1000BASE-T), 10/100BASE-T, ISDN, analog and digital video, analog and digital voice (VoIP), and exceeds all requirements for IEEE 802.3an 10 Gigabit Ethernet on all parameters.

BlueStorm category 6A UTP cables are packaged on wooden reel, Standard jacket colors are white-gray



BS-IUTP6A-305M

Specification

Category	CAT6A	
Pair count	4P	
AWG (mm)	23	
Test Standard	ISO/IEC11801, TIA-568-C.2	
Conductor material	Solid-Bare Copper	
Conductor Nom. O.D (mm)	0.58 ± 0.008	
Insulation Material	HDPE	
Insulation Diameter	1.05±0.05 mm	
	1.07±0.05 mm	
Pairs insulation diameter (mm)	White-Blue/Blue	1.07
	White-Orange/Orange	1.05
	White-Green/Green	1.07
	White-brown/Brown	1.05
Separator	Yes	
Drain wire	No	
Rip Cord	Yes	
Sheath Thickness	0.6±0.05 mm	
Sheath External O.D	6.5±0.2 mm	
Sheath Material	PVC	
Sheath Color	GRAY	
Packing	Wooden drum, cartoon and overall nylon	
Packing length	305±1.5m	
Electrical characteristics (20°C)	-1-500 MHz, Impedance(Ω)	100±15
	-1-500 MHz Delay (ns/100m)	≤ 45
	-Capacitance(nf/100m)	≤ 5.6
	-Conductor Resistance (Ω/1Km)	≤ 71
Installation temperature	-20°C ~ +60°C	

Features

- Unshielded Twisted Pair Category 6A Ethernet cable
- 23AWG solid, pure bare copper conductors
- Backwards compatible with category 5e and 6 distribution systems
- 500MHz bandwidth
- Designed for use in 10GBase-T (10Gbps) network environments
- Exceeds ANSI TIA/EIA 568-C.2 standards
- The fastest, easiest and most reliable termination process
- Cable length numeric printed every 1m for quick count
- Fluke test pass
- RoHS

Application

- 10GBASE-T Ethernet applications
- Indoor/Outdoor Ethernet applications
- Power Over Ethernet (POE) indoor application