

Category 6 UTP Copper Cable

Cat 6 UTP Data Cable Consists of 23AWG Solid Annealed Bare Copper Conductors, PE Insulated twisted 4 Pair, HDPE/PE Cross Separator, and LSZH/PVC outer jacket with rip cord. These structured cable suitable for 10Gigabyte Ethernet Applications and compatible with all known connection systems, Ideal for high performance workstation applications including voice/data systems, Digital video, Broadband and voice over internet protocol etc.

Features

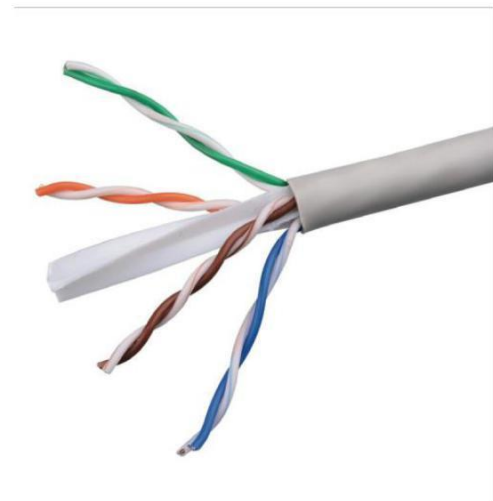
- Complies to the requirements of TIA/EIA 568 C.2 and ISO/IEC 11801 for category 6/Class E
- Flame retardant to IEC 60332-1
- Enhanced performance Specification up to 250 MHZ

Technical Specification

Parameter	Values	
Conductors	AWG	23
	Diameter mm	0.55 ± 0.2mm
	Material	Solid Bare Copper
Insulation	Material	High Density Polyethylene
	Diameter	1.02± 0.03mm
Pairs	Two Insulated conductors Twisted together to form pair	
Twisting	4 pairs laid together and separated by cross element	
Sheath	LSZH/PVC	
Cable Diameter	6.20 ± 0.30 mm	
Conductor Resistance	Max. 9.38 Ω/100m	
Conductor Resistance Unbalance	Max. 4 %	
Mutual Capacitance	Max. 5.6 nF/100m	
Bending radius	4 x overall diameter (min.)	
Breaking strength	400 N (max.)	
Capacitance Earth Unbalance	Max. 330 pF/100m	
Propagation Delay @ 1, 10, 100 & 250 MHz	Max. 570, 545, 538 & 536 ns/100 m	
Propagation Delay Skew 1 – 250 MHz	Max. 45 ns/100 m	
Temperature Range	-17°C up to +60°C	

Ordering Information

Part Code	Description
3C-C6USZ23GY-3	4 Pair 23AWG Category6 UTP Copper Cable LSZH
3C-C6USP23GY-3	4 Pair 23AWG Category6 UTP Copper Cable PVC



Intertek **RoHS**

