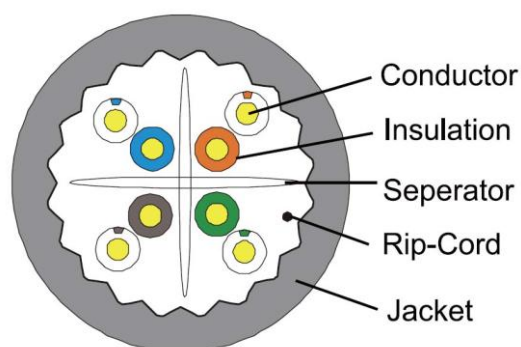
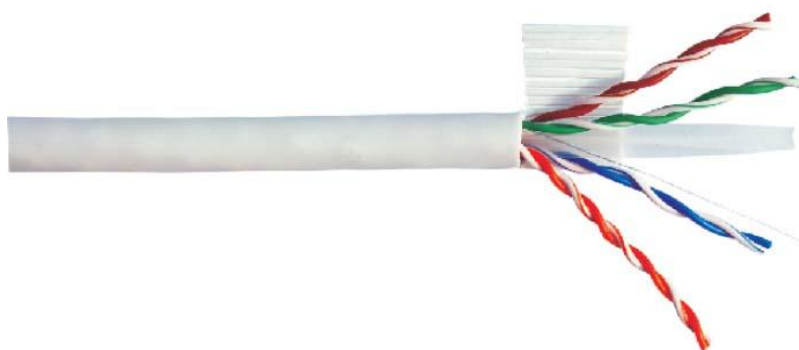


U/UTP CAT6A CU CABLE



Category	U/UTP CAT6A CU 23AWG-4P			Jacket Physical Properties	Before Aging Tensile Strength(Mpa)≥10.0	
Test Standard	ISO/IEC 11801、TIA/EIA 568C.2				Elongation(%)≥125	
Conductor	Material	Solid Bare Copper			Aging Period(℃*hrs) 100℃*24h*7d	
	Nom.O.D.	0.56±0.005mm			After Aging Tensile Strength(MPa) ≥8.0	
Insulation	Material	HDPE		Elongation(%) ≥100		
	Nom.O.D.	1.05±0.05mm		Coldbend(-20±2℃*4h) No visible cracks		
Jacket	Thickness	0.70±0.05mm		Electrical Characteristics (20℃)	Impedance(Ω) 100±15	
	External O.D.	7.0±0.3mm			Delay Shew(ns/100m) ≤45	
	Material	LSZH			NVP 69%	
	Color	Grey			Capacitance(nf/100m) ≤5.6	
Rip-cord	Yes	Drain Wire	No		DC Resistance(Ω/100m) ≤8.7	
Packing	Wooden Reel & Carton			Pallet		
						

Technical Performance(100m):

Frequency (MHz)	RL ≥dB	ATT(20°C) ≤dB	NEXT ≥dB	PSNEXT ≥dB	ACR-F ≥dB	PS ACR-F ≥dB	PS ANEXT ≥dB	PS AACR-F ≥dB
1.0	20.0	2.1	74.3	72.3	67.8	64.8	67.0	67.0
4.0	23.0	3.8	65.3	63.3	55.8	52.8	67.0	66.2
10.0	25.0	5.9	59.3	57.3	47.8	44.8	67.0	58.2
16.0	25.0	7.5	56.2	54.2	43.7	40.7	67.0	54.1
20.0	25.0	8.4	54.8	52.8	41.8	38.8	67.0	52.2
31.25	23.6	10.5	51.9	49.9	37.9	34.9	67.0	48.3
62.5	21.5	15.0	47.7	45.4	31.9	28.9	65.6	42.3
100	20.1	19.1	44.3	42.3	27.8	24.8	62.5	38.2
200	18.0	27.6	39.8	37.8	21.8	18.8	58.0	32.2
250	17.3	31.1	38.3	36.3	19.8	16.8	56.5	30.2
300	16.8	34.3	37.1	35.1	18.3	15.3	55.3	28.7
500	15.2	45.3	33.8	31.8	13.8	10.8	52.0	24.2