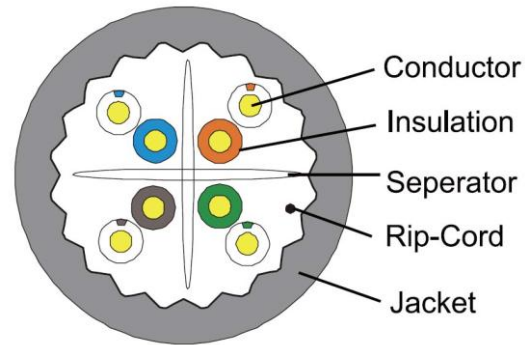
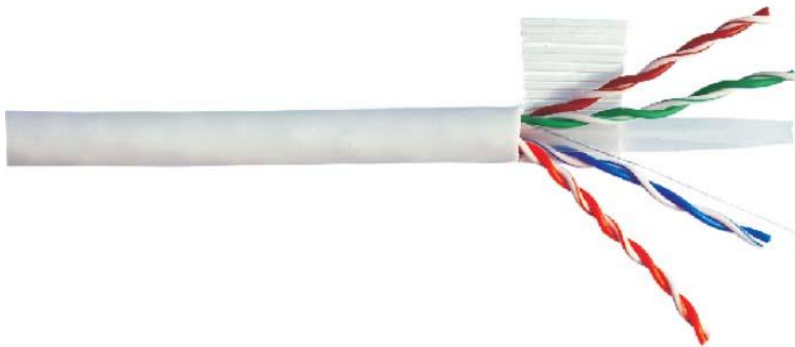


# U/UTP CAT6A CU CABLE



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		Electrical Characteristics (20°C)	Aging Period(°C*hrs) 100°C*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°C*4h) No visible cracks	
Jacket	Thickness	0.70±0.05mm		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	

Technical Performance(100m):								
Frequency	RL	ATT(20℃)	NEXT	PSNEXT	ACR-F	PS ACR-F	PS ANEXT	PS AACR-F
(MHz)	≥dB	≤dB	≥dB	≥dB	≥dB	≥dB	≥dB	≥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