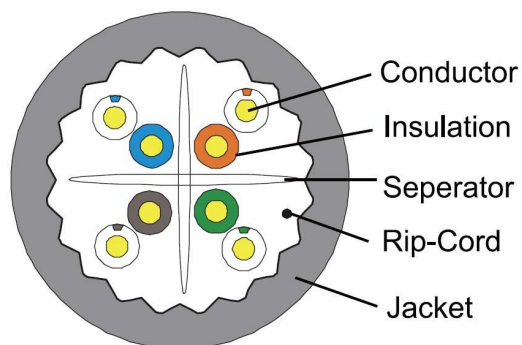
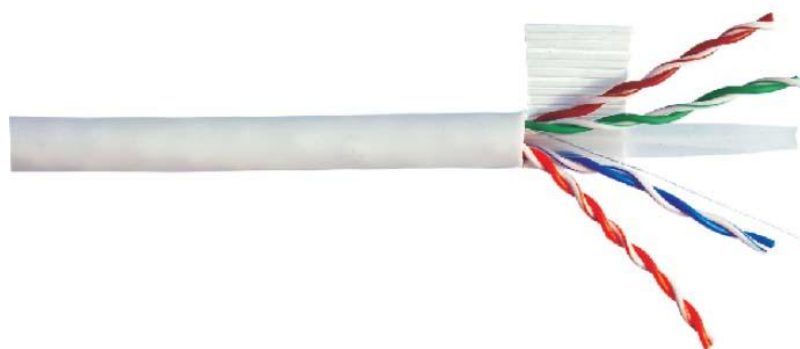


U/UTP CAT6A CABLE



Category	U/UTP CAT6A-4P			Jacket Physical Properties	Before Aging Tensile Strength(Mpa)≥13.5
Test Standard	ISO/IEC 11801、TIA/EIA 568C.2				Elongation(%)≥150
Conductor	Material	Solid Bare Copper			Aging Period(°C*hrs) 100°C*24h*7d
	Nom.O.D.	0.57±0.003mm			After Aging Tensile Strength(MPa) ≥12.5
Insulation	Material	HDPE		Elongation(%) ≥125	
	Nom.O.D.	1.04±0.03mm		Coldbend(-20±2°C*4h) No visible cracks	
Jacket	Thickness	0.70±0.05mm		Electrical Characteristics (20°C)	Impedance(Ω) 100±15
	External O.D.	7.5±0.3mm			Delay Shew(ns/100m) ≤45
	Material	PVC	LSZH		NVP 69%
	Color	According to Requires			Capacitance(nf/100m) ≤5.6
Rip-cord	Yes	Drain Wire	No		DC Resistance(Ω/100m) ≤9.5
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