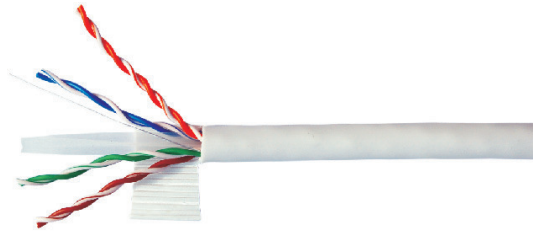
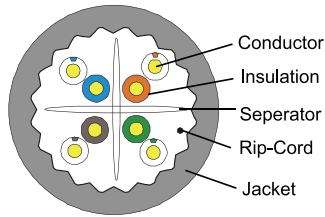


CATEGORY 6A - UTP 4 PAIR INDOOR CABLE



Category	UTP CAT6A-4P			Jacket Physical Properties	Before Aging Tensile Strength(Mpa)	≥13.5		
Test Standard	ISO/IEC11801, TIA-568-C.2				Elongation(%)	≥150		
Conductor	Material	SOLID-Bare Copper			Aging Period(°C×hrs)	100°C×24h×7d		
	Nom.O.D.(mm)	0.574	Up +0.003 Down -0.003		After Aging Tensile Strength(Mpa)	≥12.5		
Insulation	Material	HDPE			Elongation(%)	≥125		
	Diameter	1.04±0.03mm			Coldbend(-20±2°C×4h)	No visible cracks		
Jacket	Thickness	0.70±0.05mm (Avg.)			Electrical Characteristics (20°C)	Impedance(Ω)	100±15	
	ExternalO.D.	7.5±0.3mm				Delay Skew (ns/100m)	≤45	
	Material	PVC/LSZH				NVP	69%	
	Color	Color Code				Capacitance (nf/100m) max	5.6	
Rip-cord	Yes	Drain wire	No	DC Resistance (Ω/100m) max	9.5			
				DC Resistance Unbalance (%)max	5.0			
Packing	Wooden Reel & Carton							
Dimension	As required							
Packing length	305m/500m±1.5m							
Technical Performance(100m):								
Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PS NEXT ≥dB	ACR-F ≥dB	PS ACR-F ≥dB	PS ANEX ≥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	47.4	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
Part No.	Item Description				Color Code			
C6AU11GY	CAT 6A UTP 4 PAIR CABLE				GREY (GY) BLUE (BU) RED (RD)			
C6AU13GY	CAT 6A UTP 4 PAIR LSZH CABLE				YELLOW (YL) WHITE (WH) GREEN (GR) ORANGE (OR) BLACK (BL) PURPLE (PL)			