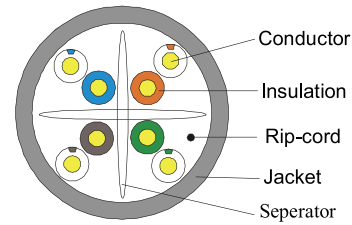


CATEGORY 6 - UTP 4 PAIR INDOOR CABLE



Category	UTP CAT6-4P			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	1.02±0.03mm		Coldbend(-20±2°C×4h)	No visible cracks			
Jacket	Thickness	0.60±0.05mm		Electrical Characteristics (20°C)	Impedance(Ω)	100±15		
	External O.D.	6.3±0.3mm			Delay Skew(ns/100m)	≤45		
	Material	PVC/LSZH			NVP	69%		
	Color	Color Code			Capacitance(nf/100m) max	5.6		
Rip-cord	Yes	Drainwire	No	DC Resistance 20°C(Ω/100m) max	9.5			
				DC Resistance Unbalance(%)max	5.0			
Packing	Pull Carton			Reel & Carton				
Dimension	40.5cm x 40.5cm x 21cm			33cm x 27.5cm x 33cm				
Packing length	305±1.5m			305±1.5m				
Technical Performance(100m):								
Frequency (MHz)	RL ≥dB	ATT(20°C) ≤dB	NEXT ≥dB	ACR ≥dB	Frequency (MHZ)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1.0	20.0	2.0	74.3	72.3	1.0	72.3	67.8	64.8
4.0	23.0	3.8	65.3	61.5	4.0	63.3	55.8	52.8
8.0	24.5	5.3	60.8	55.5	8.0	58.8	49.7	46.7
10.0	25.0	6.0	59.3	53.3	10.0	57.3	47.8	44.8
16.0	25.0	7.6	56.2	48.6	16.0	54.2	43.7	40.7
20.0	25.0	8.5	54.8	46.3	20.0	52.8	41.8	38.8
25.0	24.3	9.5	53.3	43.8	25.0	41.3	39.8	36.8
31.25	23.6	10.7	51.9	31.2	31.25	49.9	37.9	34.9
62.5	21.5	15.4	47.7	32.3	62.5	45.4	31.9	28.9
100	20.1	19.8	44.3	24.5	100	42.3	27.8	24.8
200	18.0	29.0	39.8	10.8	200	37.8	21.8	18.8
250	17.3	32.8	38.3	5.5	250	36.3	19.8	16.8
Part No.	Item Description				Color Code			
C06UI1GY	CAT 6 UTP 4 PAIR CABLE				GREY (GY) BLUE (BU) RED (RD)			
C06UI3GY	CAT 6 UTP 4 PAIR LSZH CABLE				YELLOW (YL) WHITE (WH) GREEN (GR) ORANGE (OR) BLACK (BL) PURPLE (PL)			