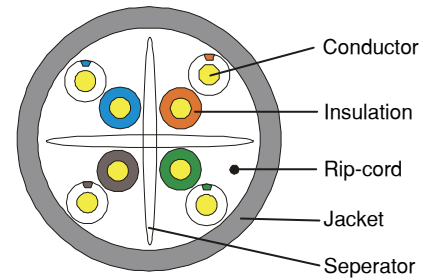


## CATEGORY 6 - UTP 4 PAIR INDOOR CABLE



Category	UTP CAT6-4P			Jacket Physical Properties	Before Aging TensileStrength (Mpa)	≥ 13.5
Test Standard	ISO/IEC11801, TIA-568-C.2				Elongation(%)	≥ 150
Conductor	Material	SOLID-Bare Copper			Aging Period (°C x hrs)	100°C x 24h x 7d
	Nom.O.D.(mm)	0.574	Up +0.003 Down -0.003		After Aging TensileStrength (Mpa)	≥ 12.5
Insulation	Material	HDPE		Elongation(%)	≥ 125	
	Diameter	1.02±0.03mm		Coldbend (-20±2°C x 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 (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	54.4	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)