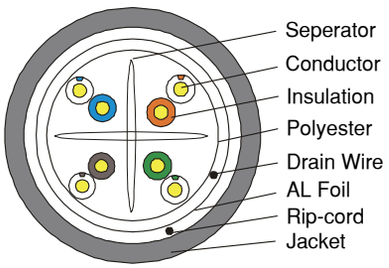
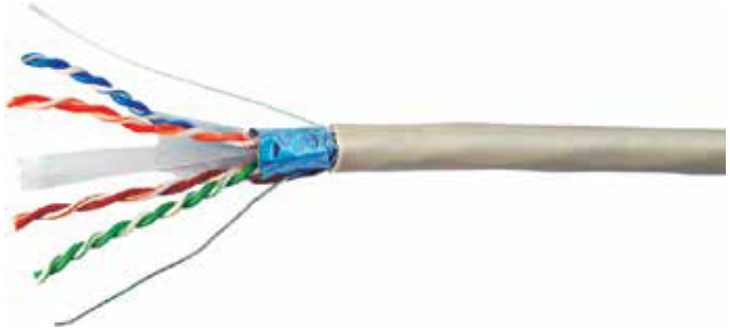
CATEGORY 6 - FTP 4 PAIR INDOOR CABLE





Category	FTP CAT6-4P					
Test Standard	ISO/IEC11801, TIA-568-C.2					
Conductor	Material	SOLID-Bare Copper				
	Nom.O.D.(mm)	0.574 23AWG	Up	+0.003		
			Down	-0.003		
Insulation	Material	HDPE				
	Diameter	1.09±0.03mm				
Rip-cord	Yes	Drain wire	0.40mmTC			
Shield	Al Foil					
Jacket	Thickness	0.60±0.05mm				
	External O.D.	7.4±0.3mm				
	Material	PVC/LSZH				
	Color	Color Code				

Jacket Physical Properties	Before Aging TensileStrength (Mpa)	≥13.5
	Elongation(%)	≥150
	Aging Period (°C x hrs)	100°C x 24h x 7d
	After Aging TensileStrength (Mpa)	≥12.5
	Elongation(%)	≥125
	Coldbend (-20±2°C x 4h)	No visible cracks
Electrical Characteristics (20°C)	Impedance(Ω)	100±15
	Delay Skew (ns/100m)	≤45
	NVP	69%
	Capacitance (nf/100m) max	5.6
	Pair to Ground Unbalance(nf/100m)max	330
	DC Resistance (Ω/100m) max	9.38
	DC Resistance Unbalance (%) max	5.0

	Wooden Reel & Carton	Reel & Carton
Packing		
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	2.03	74.3	72.3	1.0	72.3	67.8	64.8
4.0	23.0	3.78	65.3	61.5	4.0	63.3	55.8	52.8
8.0	24.5	5.32	60.8	55.5	8.0	58.8	49.7	46.7
10.0	25.0	5.95	59.3	53.3	10.0	57.3	47.8	44.8
16.0	25.0	7.55	56.2	48.6	16.0	54.2	43.7	40.7
20.0	25.0	8.47	54.8	46.3	20.0	52.8	41.8	38.8
25.0	24.3	9.51	53.3	43.8	25.0	41.3	39.8	36.8
31.25	23.6	10.67	51.9	31.2	31.25	49.9	37.9	34.9
62.5	21.5	15.38	47.7	32.3	62.5	45.4	31.9	28.9
100	20.1	19.80	44.3	24.5	100	42.3	27.8	24.8
200	18.0	28.98	39.8	10.8	200	37.8	21.8	18.8
250	17.3	32.85	38.3	5.5	250	36.3	19.8	16.8

Part No.	Item Description	Color Code
C06FI1GY	CAT 6 FTP 4 PAIR CABLE	GREY (GY) | BLUE (BU) | RED (RD)
C06FI3GY	CAT 6 FTP 4 PAIR LSZH CABLE	YELLOW (YL) | WHITE (WH) | GREEN (GR)
		ORANGE (OR) | BLACK (BL) | PURPLE (PL)