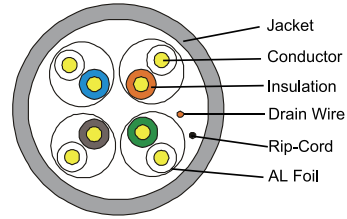
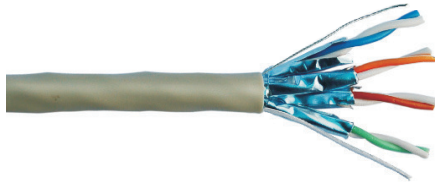


## CATEGORY 6A - FTP 4 PAIR INDOOR CABLE



Category	FTP-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	Skin-foam-skinPE		Elongation(%)	≥125			
	Diameter	1.350±0.05mm		Coldbend(-20±2°C×4h)	No visible cracks			
Shield	Al Foil	Drain wire	TC 0.40mm	Electrical Characteristics (20°C)	Impedance(Ω)	100±15Ω		
Rip-cord	Yes				Delay Skew(ns/100m)	≤45		
Jacket	Thickness	0.60±0.05mm			NVP	74%		
	ExternalO.D.	7.5±0.3mm			Capacitance (nf/100m) max	4.5		
	Material	PVC/LSZH		Pair to Ground Unbalance (pf/100m)max	330			
	Color	Color Code		DC Resistance (Ω/100m) max	9.38			
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 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	47.4	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			
C6AFI1GY	CAT 6A FTP 4 PAIR CABLE				GREY (GY)   BLUE (BU)   RED (RD)			
C6AFI3GY	CAT 6A FTP 4 PAIR LSZH CABLE				YELLOW (YL)   WHITE (WH)   GREEN (GR) ORANGE (OR)   BLACK (BL)   PURPLE (PL)			