



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 x hrs)	100°C x 24h x 7d	
	Nom.O.D.(mm)	0.574	Up	+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 x 4h)	No visible cracks		
Shield	Al Foil	Drain wire	TC 0.40mm		Impedance(Ω)	100±15Ω		
Rip-cord	Yes				Delay Skew (ns/100m)	≤ 45		
Jacket	Thickness	0.60±0.05mm			Electrical Characteristics (20°C)	NVP	74%	
	External O.D.	7.5±0.3mm				Capacitance (nf/100m) max	4.5	
	Material	PVC/LSZH				Pair to Ground Unbalance(nf/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	24.5	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			
C6AF11GY	CAT 6A FTP 4 PAIR CABLE				GREY (GY)   BLUE (BU)   RED (RD)			
C6AF13GY	CAT 6A FTP 4 PAIR LSZH CABLE				YELLOW (YL)   WHITE (WH)   GREEN (GR) ORANGE (OR)   BLACK (BL)   PURPLE (PL)			