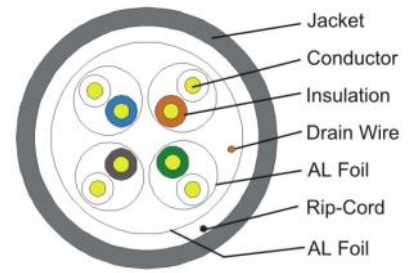


F/FTP CAT6A CABLE



Category	F/FTP CAT6A-4P			Jacket Physical Properties	Before Aging Tensile Strength(Mpa)≥13.5
Test Standard	ISO/IEC 11801、TIA/EIA 568C.2				Elongation(%)≥150
Conductor	Material	Solid Bare Copper			Aging Period(°C*hrs) 100°C*24h*7d
	Nom.O.D.	0.56±0.003mm			After Aging Tensile Strength(MPa) ≥12.5
Insulation	Material	Skin-foam-Skin PE		Elongation(%) ≥125	
	Nom.O.D.	1.35±0.05mm		Coldbend(-20±2°C*4h) No visible cracks	
Shield	Al Foil			Impedance(Ω) 100±15	
Jacket	Thickness	0.65±0.05mm		Electrical Characteristics (20°C)	Delay Shew(ns/100m) ≤45
	External O.D.	7.6±0.3mm		NVP 69%	
	Material	PVC	LSZH	Capacitance(nf/100m) ≤5.6	
	Color	According to Requires		DC Resistance(Ω/100m) ≤9.5	
Rip-cord	Yes	Drain Wire	0.40TC	DC Resistance Unbalance(%) ≤2.0	
Packing	Wooden Reel & Carton			Pallet	
					

Technical Performance(100m):

Frequency (MHz)	RL ≥dB	ATT(20°C) ≤dB	NEXT ≥dB	PSNEXT ≥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	47.7	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