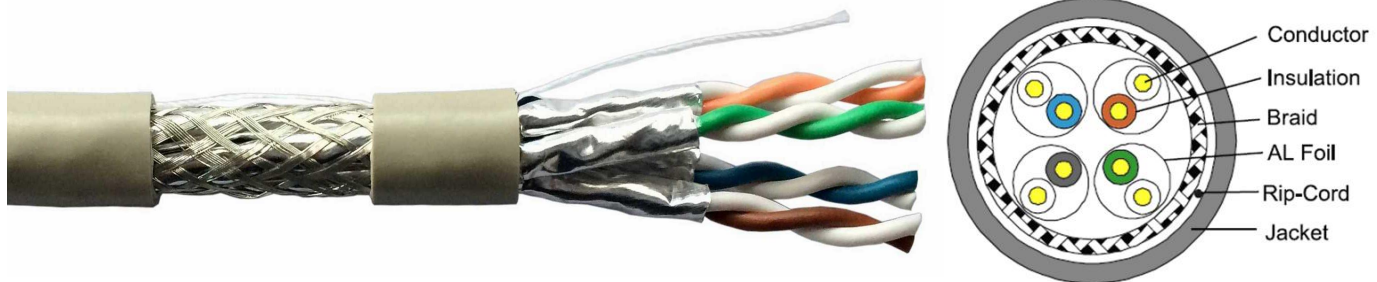




# S/FTP CAT7 CABLE



Category	S/FTP CAT7-4P			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	Braid	TC/Al Wire	Electrical Characteristics (20°C)	Impedance(Ω) 100±15
Jacket	Thickness	0.65±0.05mm			Delay Shew(ns/100m) ≤45
	External O.D.	7.9±0.3mm			NVP 69%
	Material	PVC	LSZH		Capacitance(nf/100m) ≤5.6
Rip-cord	Yes	Drain Wire	No	DC Resistance(Ω/100m) ≤9.5	
				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	Frequency (MHz)	ACR ≥dB	ACR-F ≥dB	PS ACR-F ≥dB
1.0	20.0	2.0	78.0	75.0	1.0	76.0	78.0	75.0
4.0	23.0	3.7	78.0	75.0	4.0	74.3	78.0	75.0
10.0	25.0	5.9	78.0	75.0	10.0	72.1	74.0	71.0
16.0	25.0	7.4	78.0	75.0	16.0	70.6	69.9	66.9
20.0	25.0	8.3	78.0	75.0	20.0	69.7	68.0	65.0
31.25	23.6	10.4	78.0	75.0	31.25	67.6	64.1	61.1
62.5	21.5	14.9	75.5	72.5	62.5	60.6	58.1	55.1
100	20.1	19.0	72.4	69.4	100	53.4	54.0	51.0
200	18.0	27.5	67.9	64.9	200	46.2	50.2	45.0
250	17.3	31.0	66.4	63.4	250	40.4	46.0	43.0
300	17.3	34.2	65.2	62.2	300	31.0	44.5	41.5
600	17.3	50.1	60.7	57.7	600	10.6	38.4	35.4