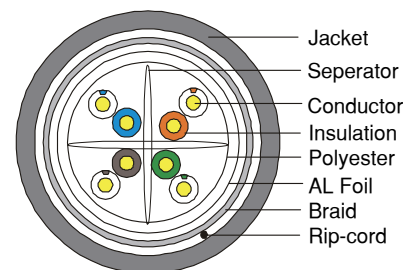


CATEGORY 6 - S/FTP 4 PAIR INDOOR CABLE



Category	SFTP-CAT6-4P				Jacket Physical Properties	Before Aging TensileStrength (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 23AWG	Up Down	+0.003 -0.003		After Aging TensileStrength (Mpa)			≥12.5 ≥125
Insulation	Material	HDPE			Coldbend (-20±2°C x 4h)			No visible cracks	
	Diameter	1.09±0.03mm			Impedance(Ω)			100±15Ω	
Shield	Al Foil	Drain wire	No		Electrical Characteristics (20°C)	Delay Skew (ns/100m)			≤45
Braid	TC coverage 40%	Rip-cord	Yes			NVP			70%
Jacket	Thickness	0.60±0.05mm				Capacitance (nf/100m) max			5.6
	External O.D.	8.0±0.3mm				Pair to Ground Unbalance(nf/100m)max			330
	Material	PVC/LSZH				DC Resistance (Ω/100m) max			9.38
	Color	Color Code				DC Resistance Unbalance (%) max			5.0
Packing	Wooden Reel & Carton								
									
Dimension	As required								
Packing length	305m/500m ± 1.5m								
Technical Performance(100m):									
Frequency	RL	ATT(20°C)	NEXT	ACR	Frequency	PSNEXT	ELFEXT	PSELFEXT	
(MHz)	≥dB	≥dB	≥dB	≥dB	(MHz)	≥dB	≥dB	≥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				
C06SI1GY	CAT 6 SFTP 4 PAIR CABLE				GREY (GY) BLUE (BU) RED (RD)				
C06SI3GY	CAT 6 SFTP 4 PAIR LSZH CABLE				YELLOW (YL) WHITE (WH) GREEN (GR)				
					ORANGE (OR) BLACK (BL) PURPLE (PL)				