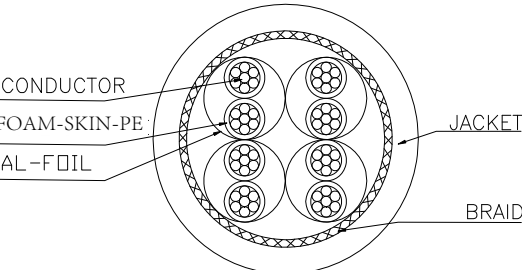


for S/FTP CAT6A 26AWG STRANDED CABLE

Configuration & physical Characters:			Electric Characters:		Premise Cable Electrical Table(TIA Cat 6A Channel)																	
Type of cable	S/FTP				Freq (Mhz)	Insert loss(dB)	NEXT (dB)	RL (dB)	RCA-N(dB)	ACR-F (dB)	PSNEXT(dB)	PSACRN (dB)	PSACR F(dB)									
Length per reel			1.Spark Test	1500±250VOC	1	3.0	65.0	19.0	62.0	63.3	62.0	59.0	60.3									
Number of pairs			2.Mutual Capacitance	560pF/100m Max	4	4.2	64.1	19.0	58.9	51.2	60.5	56.4	48.2									
Field of application			3.Conductor Resistance	MAX14.0Ω/100m at 20°C	8	5.8	58.2	19.0	52.4	45.2	55.6	49.8	42.2									
Category			4.Capacitance Unbalance	MAX 330pF/100m	10	6.5	56.6	19.0	50.1	43.3	54.0	47.5	40.3									
Conductor	Material	Bare Copper	6.Impedance	100±15Ω	16	8.2	53.2	18.0	45.0	39.2	50.6	42.4	36.2									
	Size	26AWG			20	9.2	51.6	17.5	42.5	37.2	49.0	39.8	34.2									
		7/0.148±0.005 mm			25	10.2	50.0	17.0	39.8	35.3	47.3	37.1	32.3									
Insulation	Material	FO-PE&HD-PE			31.25	11.5	48.4	16.5	36.9	33.4	45.7	34.2	30.4									
	Thickness	0.27±0.15 mm			62.5	16.4	43.4	14.0	27.0	27.3	40.6	24.2	24.3									
	Diameter	0.99± 0.02mm			100	20.9	39.9	12.0	19.0	23.3	37.1	16.2	20.3									
	Color code	Blue/White			200	30.1	34.8	9.0	4.7	17.2	31.9	1.8	14.2									
		Orange/White			250	33.9	33.1	8.0	-0.8	15.3	30.2	-3.7	12.3									
		Green/White			350	40.6	30.3	6.6	-10.3	12.4	27.3	-13.3	9.4									
		Brown/White			500	49.3	26.1	6.0	-23.2	9.3	23.2	-26.1	6.3									
Shield	Al Foil	0.035×10mm/0.045×10mm			Standard: ISO/IEC 11801; ANSI/TIA-568-C.2																	
	Braiding	(TC)16X5X1/0.12MM																				
Jacket	Material	CMR PVC																				
	Thickness	MIN at any point: 0.53mm MAX AVG: 0.59mm																				
	Diameter	0.56±0.3mm																				
	Colors	per request																				
	Aging at 100°C for 168Hrs	MIN ELONGATION RETENTION:75%	Marking:																			
MIN TENSILE STRENGTH RETENTION:70%																						
DIMENSIONS ARE IN mm		TOLERANCES ARE		DRAWN Jason		APPROVED		REV.		P/N:												
		FRACTIONS DECIMALS ANGLES		DATE 07/25/2016		DATE		A		DESCRIPTION S/FTP CAT6A 26AWG STRANDED CABLE												
MOLD NO.		.X±0.20		SHEET OF																		
		.XX±0.12		SIZE A4		SCALE N.T.S																