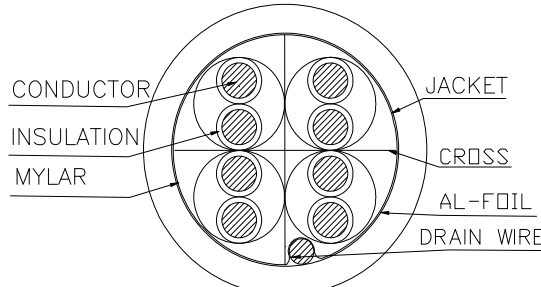


**FTP CAT6 23AWG OUTDOOR CABLE**

Configuration & physical Characters: Type			Electric Characters:		Premise Cable Electrical Table(TIA Cat 6 Perm.Link)										
of cable	FTP				Freq (Mhz)	Insert loss(dB)	NEXT (dB)	RL (dB)	RCA-N(dB)	ACR-F (dB)	PSNEXT (dB)	PSACR N (dB)	PSACR F(dB)		
Length per reel	1000ft		1.Spark Test	2000±250VOC	1	3.0	65.0	19.1	62.0	64.2	62.0	59.0	61.2		
Number of pairs	4		2.Mutual Capacitance	560pF/100m Max	4	3.5	64.1	21.0	60.6	52.1	61.8	58.3	49.1		
Field of application	Outdoor		3.Conductor Resistance	MAX 7.32Ω/100m at 20° C	8	5.0	59.4	21.0	54.4	46.1	57.0	52.1	43.1		
Category	Cat.6		4.Capacitance Unbalance	MAX 330pF/100m	10	5.5	57.8	21.0	52.3	44.2	55.5	49.9	41.2		
Flame Rating:			5. Resistance Unbalance	MAX 3%	16	7.0	54.6	20.0	47.6	40.1	52.2	45.2	37.1		
<b>Conductor</b>	Material	Bare Copper	6.Impedance	100±15Ω	20	7.9	53.1	19.5	45.2	38.2	50.7	42.8	35.2		
	Size	23AWG 1/0.56/0.58±0.015 mm			25	8.9	51.5	19.0	42.7	36.2	49.1	40.2	33.2		
<b>Insulation</b>	Material	HD-PE			31.25	10.0	50.0	18.5	40.0	34.3	47.5	37.6	31.3		
	Thickness	MIN at any point: 0.24/0.28mm MAX AVG: 0.26/0.30mm			62.5	14.4	45.1	16.0	30.8	28.3	42.7	28.3	25.3		
	Diameter	1.08± 0.01mm;1.15± 0.01mm			100	18.6	41.8	14.0	23.3	24.2	39.3	20.7	21.2		
	Color code	Blue/White-Blue				200	27.4	36.9	11.0	9.6	18.2	34.3	7.0	15.2	
		Orange/White-Orange				250	31.1	35.3	10.0	4.2	16.2	32.7	1.6	13.2	
		Green/White-Green													
	Brown/White-Brown														
Elongation	MIN 300%														
Tensile strength	MIN 1.682Kg/mm <sup>2</sup>														
<b>stranding</b>	Myar	0.025×23mm			<b>Standard: ISO/IEC 11801; ANSI/TIA-568-C.2</b>										
	Al Foil	0.065×23mm			<b>Test : Perm.Link test by fluke 90+/-5m</b>										
	Drain Wire	1/0.40±0.02mm													
	CROSS SLOT	5.0x0.7mm													
<b>Jacket</b>	Material	LD-PE													
	Thickness	MIN at any point: 0.57mm MAX AVG: 0.63mm	Marking: per request												
	Diameter	7.5±0.3mm													
	Colors	BLACK													
	Aging at 100°C for 168Hrs	MIN ELONGATION RETENTION:50%													
MIN TENSILE STRENGTH RETENTION:75%															
DIMENSIONS ARE IN mm	TOLERANCES ARE														
	FRACTIONS DECIMALS ANGLES														
MOLD NO.	.X±0.20														
	.XX±0.12														
			Edition: OR												