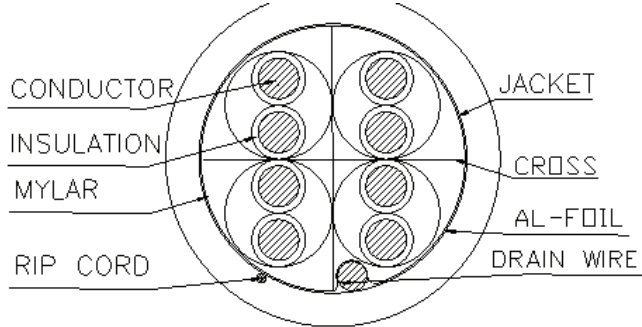


PRODUCTION SPECIFICATION SHEET

for FTP CAT6 23AWG CABLE													
Configuration & physical Characters:			Electric Characters:		Premise Cable Electrical Table(TIA Cat 6 Perm.Link)								
Type of cable	FTP		1. Spark Test	2000±250VOC	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		2. Mutual Capacitance	560pF/100m Max	1	3.0	65.0	19.1	62.0	64.2	62.0	59.0	61.2
Number of pairs	4		3. Conductor Resistance	MAX 9.38Ω/100m at 20°C	4	3.5	64.1	21.0	60.6	52.1	61.8	58.3	49.1
Field of application	indoor				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 5%	16	7.0	54.6	20.0	47.6	40.1	52.2	45.2	37.1
Conductor	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
Insulation	Material	POLYOLEFIN			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 15.2 250 31.1 35.3 10.0 4.2 16.2 32.7 1.6 13.2								
		Orange/White-Orange											
		Green/White-Green											
		Brown/White-Brown											
	Elongation	MIN 300%			Standard:		ISO/IEC 11801; ANSI/TIA-568-C.2;						
Tensile strength	MIN 1.682Kg/mm ²	Test :		Perm.Link test by fluke 90+/-5m									
stranding	Myar	0.025×23mm	DRAWN Jason	APPROVED	REV.	P/N:							
	Al Foil	0.065×23mm	DATE 04/06/2013	DATE	A	DESCRIPTION FTP CAT6 23AWG CABLE							
	Drain Wire	1/0.40±0.02mm	SHEET OF			KUNSHAN BYB CABLE & Solar Energy CO., LTD							
	CROSS SLOT	5.0x0.7mm	SIZE A4	SCALE N.T.S									
Jacket	Material	CMR PVC	<h2 style="color: orange;">FTP CAT6 23AWG IONNET CABLE</h2>										
	Thickness	MIN at any point: 0.55mm MAX AVG: 0.59mm											
	Diameter	7.4±0.2mm											
	Colors	per request											
	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												