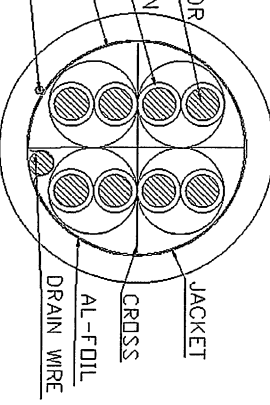


PRODUCTION SPECIFICATION SHEET

for E/UTP CAT6A 23AWG CABLE

Configuration & physical Characters:		Electric Characters:		Premise Cable Electrical Table(TTA Cat 6A Perm.Link)							
Type of cable	FTP										
Length per reel	305M	1.Spark Test	2000±250VOC	Freq (Mhz)	Insert loss(dB)	NEXT (dB)	RL (dB)	ACR-F (dB)	PS NEXT(dB)	PS ACR-F (dB)	
Number of pairs	4	2.Mutual Capacitance	560pf/100m Max	1	3.0	65.0	19.1	64.2	62.0	61.2	
Field of application	indoor	3.Conductor Resistance	MAX 9.80Ω/100m at 20°C	4	3.5	64.1	21.0	52.1	61.8	49.1	
Category	Cat 6A			8	5.0	59.4	21.0	46.1	57.0	43.1	
Plame Rating:	CM	4.Capacitance Unbalance	MAX 330pf/100m	10	5.5	57.8	21.0	44.2	55.5	41.2	
Conductor	Material	Bare Copper		16	7.0	54.6	20.0	40.1	52.2	37.1	
	Size	23AWG	MAX 5%	20	7.8	53.1	19.5	38.2	50.7	35.2	
		1/0.56/0.58±0.015 mm	100±15Ω	25	8.8	51.5	19.0	36.2	49.1	33.2	
Insulation	Material	HD-PE		31.25	9.8	50.0	18.5	34.3	47.5	31.3	
	Thickness	MIN at any point: 0.24/0.28mm MAX AVG: 0.26/0.30mm		62.5	14.0	45.1	16.0	28.3	42.7	25.3	
	Diameter	1.08± 0.01mm;1.15± 0.01mm		100	18.0	41.8	14.0	24.2	39.3	21.2	
	Color code	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown		200	26.1	36.9	11.0	18.2	34.3	15.2	
stranding	Elongation	MIN 300%		250	29.5	35.3	10.0	16.2	32.7	13.2	
	Tensile strength	MIN 1.682Kg/mm ²		350	35.6	31.8	8.6	13.3	29.1	10.3	
	Myar	0.025×23mm		500	43.8	26.7	8.0	10.2	23.8	7.2	
	Al Foil	0.065×23mm		CONDUCTOR INSULATION MYLAR RIP CORD  JACKET CROSS AL-FOIL DRAIN WIRE							
Jacket	Drain Wire	1/0.40±0.02mm		Standard: ISO/IEC 11801; ANSI/TTA-568-C.2;UL 444 Test : Perm.Link test by fluke 90+/-5m							
	CROSS SLOT	5.0x0.7mm									
	Material	CM PVC									
	Thickness	MIN at any point: 0.53mm MAX AVG: 0.57mm									
Jacket	Diameter	7.4±0.2mm		Marking: per request Edition: OR							
	Colors	per request									
	Aging at 100°C for 168Hrs	MIN ELONGATION RETENTION:50% MIN TENSILE STRENGTH RETENTION:75%									
DIMENSIONS ARE IN mm			DRAWN Jason	APPROVED	REV.	P/N:					
TOLERANCES ARE			DATE 02/11/2014	DATE	A	DESCRIPTION					
FRACTIONS DECIMALS ANGLES			SHEET OF			E/UTP CAT6A 23AWG CABLE					
.X±0.20			SIZE A4	SCALE N.T.S							
.XX±0.12											