



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



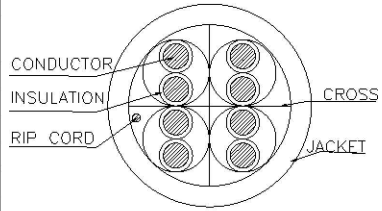

## Contact us

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	1	2	3	4	5	6	7							
A	<b>Configuration &amp; physical Characters:</b>		<b>Electric Characters:</b>		<b>Premise Cable Electrical Table(TIA Cat 6 Perm.Link)</b>					A				
	Type of cable	UTP			Freq (Mhz)	Insert loss(dB)	NEXT (dB)	RL (dB)	RCA-N(dB)	ACR-F (dB)	PSNEX T(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/100mMax	4	3.5	64.1	21.0	60.6	52.1	61.8	58.3	49.1	
	Field of application	indoor	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	
B	Flame Rating:		5. Resistance Unbalance	MAX 5%	16	7.0	54.6	20.0	47.6	40.1	52.2	45.2	37.1	
	<b>Conductor</b>	Material	Bare Copper		20	7.9	53.1	19.5	45.2	38.2	50.7	42.8	35.2	
		Size	23AWG 1/0.55±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: 0.18mm MAX AVG: 0.22mm		62.5	14.4	45.1	16.0	30.8	28.3	42.7	28.3	25.3	
		Diameter	0.94± 0.01mm; 0.96± 0.01mm; 0.98± 0.01mm; 1.00± 0.01mm		100	18.6	41.8	14.0	23.3	24.2	39.3	20.7	21.2	
		Color code	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown		200	27.4	36.9	11.0	9.6	18.2	34.3	7.0	15.2	
		Elongation	MIN 300%		250	31.1	35.3	10.0	4.2	16.2	32.7	1.6	13.2	
		Tensile strength	MIN 1.682Kg/mm <sup>2</sup>											
D	<b>FILLER</b>	CROSS SLOT	4.2x0.45mm		<b>Standard: ISO/IEC 11801; ANSI/TIA-568-C.2; UL 444</b>									
	<b>Jacket</b>	Material	PVC		<b>Test : Perm.Link test by fluke 90+/-5m</b>									
		Thickness	MIN at any point: 0.52mm MAX AVG: 0.58mm		PACKAGE: 305M/PULL BOX, 2 ROLLS ARE PACKED IN ONE CARTON ①									
		Diameter	6.0±0.3mm		Marking:E213738-Y CM (UL) C(UL) 4P 23AWG UTP CAT6 CONFORM TO ANSI/TIA-568-C.2 & ISO/IEC 11801 xxxxxM									
		Colors	per request											
F	Aging at 100°C for 168Hrs	MIN ELONGATION RETENTION:50% MIN TENSILE STRENGTH RETENTION:75%												
G	<b>RoHS compliant</b> Unit: mm	Scale	1:1				Date	Name	Customer-No.					
		TOLERANCE					Drawn	31.12.2013	Joanna					
	.X	±0.2				Approved	22.03.2016	Joanna	ASSMANN WSW-No. ①ATU6-P305T					
	.XX	±0.12							Drawing-No.					
H		DIM	TOL	① Update drawing	22.03.2016	Joanna			ASS 7020 CA		rev01			
		Angle		② Drawn	31.12.2013	Joanna			Replace		SHEET			
				Id.	Modification	Date	Name							
	1	2	3	4	5	6	7							