



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!



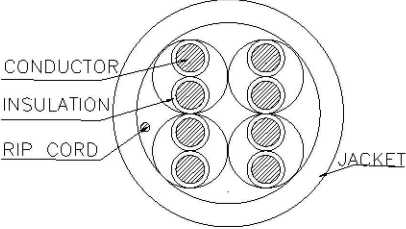
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Configuration & physical Characters:			Electric Characters:		Premise Cable Electrical Table(TIA Cat 5E Perm.Link)										
Type of cabk	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	60.0	19.0	57.0	58.6	57.0	54.0	55.6		
Number of pairs	4		2.Mutual Capacitance	560pF/100m Max	4	3.9	54.8	19.0	50.9	46.6	51.8	47.9	43.6		
Field of application	indoor		3.Conductor Resistance	MAX 9.38Ω/100m at 20°C	8	5.5	50.0	19.0	44.5	40.6	47.0	41.5	37.6		
Category	Cat.5E		4.Capacitance Unbalance	MAX 330pF/100m	10	6.2	48.5	19.0	42.3	38.6	45.5	39.3	35.6		
Flame Rating			5. Resistance Unbalance	MAX 3%	16	7.9	45.2	19.0	37.3	34.5	42.2	34.3	31.5		
Conductor	Material	Bare Copper	6.Impedance	100±15Ω	20	8.9	43.7	19.0	34.8	32.6	40.7	31.8	29.6		
	Size	24AWG 1/0.496±0.015 mm			25	10.0	42.1	18.0	32.1	30.7	39.1	29.1	27.7		
Insulation	Material	HD-PE			31.25	11.2	40.5	17.1	29.3	28.7	37.5	26.3	25.7		
	Thickness	MIN at any point: 0.19mm MAX AVG: 0.21mm			62.5	16.2	35.7	14.1	19.4	22.7	32.7	16.4	19.7		
	Diameter	0.90± 0.01mm			100	21.0	32.3	12.0	11.3	18.6	29.3	8.3	15.6		
	Color code	Blue/White-Blue													
		Orange/White-Orange Green/White-Green Brown/White-Brown													
Elongation	MIN 300%			<b>Standard:</b>		ISO/IEC 11801; ANSI/TIA-568-C.2;UL 444									
Tensile strength	MIN 1.682Kg/mm <sup>2</sup>			<b>Test :</b>		Perm.Link test by fluke 90+/-5m									
Jacket	Material	CM PVC			PACKAGE: 305M/PULL BOX, 2 ROLLS ARE PACKED IN ONE CARTON  Marking: E213738-Y CM (UL) C(UL) 4P 24AWG UTP CAT5e CONFORM TO ANSI/TIA-568-C.2 & ISO/IEC 11801 xxxxxM										
	Thickness	MIN at any point: 0.5mm MAX AVG: 0.56mm													
	Diameter	5.0±0.3mm													
	Colors	per request													
	Aging at 100°C for 168Hrs	MIN ELONGATION RETENTION:50% MIN TENSILE STRENGTH RETENTION:75%													

**RoHS compliant**  
Unit: mm

Scale	FREE						Date	Name	Customer-No.
TOLERANCE						Drawn	23.03.2016	Joanna	ASSMANN WSW-No. <b>ATUP-P305T</b>
X.X						Approved	23.03.2016	Joanna	
X.XX									
X.XX									
DIM	TOL								Drawing-No.
ANGLE	±X°								<b>ASS 7591 CA</b>
		Ⓞ	Drawn	23.03.2016	Joanna	<b>ASSMANN</b> WSW components			rev00
Angle	TOL	Id.	Modification	Date	Name			Replace	Sheet

1

2

3

4

5

6

7