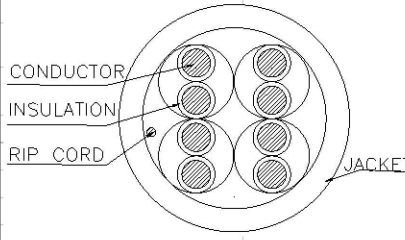


Configuration & physical Characters:			Electric Characters:		Premise Cable Electrical Table(TIA Cat 5E Perm.Link)									
Type of cabk	UTP		1.Spark Test	2000±250VOC	Freq (Mhz)	Insert loss(dB)	NEXT (dB)	RL (dB)	RCA-N(dB)	ACR-F (dB)	PSNEX T(dB)	PSACR N (dB)	PSACR F(dB)	
Length per reel	1000ft		2.Mutual Capacitance	560pF/100m Max	1	3.0	60.0	19.0	57.0	58.6	57.0	54.0	55.6	
Number of pairs	4		3.Conductor Resistance	MAX 9.38Ω/100m at 20°C	4	3.9	54.8	19.0	50.9	46.6	51.8	47.9	43.6	
Field of application	indoor		4.Capacitance Unbalance	MAX 330pF/100m	8	5.5	50.0	19.0	44.5	40.6	47.0	41.5	37.6	
Category	Cat.5E		5. Resistance Unbalance	MAX 3%	10	6.2	48.5	19.0	42.3	38.6	45.5	39.3	35.6	
Flame Rating			6.Impedance	100±15Ω	16	7.9	45.2	19.0	37.3	34.5	42.2	34.3	31.5	
Conductor	Material	Bare Copper			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%												
Tensile strength	MIN 1.682Kg/mm <sup>2</sup>													
Jacket	Material	CM PVC			Standard: ISO/IEC 11801; ANSI/TIA-568-C.2;UL 444									
	Thickness	MIN at any point: 0.5mm MAX AVG: 0.56mm			Test : Perm.Link test by fluke 90+/-5m									
	Diameter	5.0±0.3mm			PACKAGE: 305M/PULL BOX, 2 ROLLS ARE PACKED IN ONE CARTON									
	Colors	per request			Marking: E213738-Y CM (UL) C(UL) 4P 24AWG UTP CAT5e CONFORM TO ANSI/TIA-568-C.2 & ISO/IEC 11801 xxxxxM									
	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

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