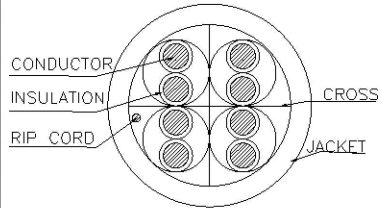



	1	2	3	4	5	6	7							
A	Configuration & physical Characters:		Electric Characters:		Premise Cable Electrical Table(TIA Cat 6 Perm.Link)					A				
	Type of cable	UTP			Freq (Mhz)	Insert loss(dB)	NEXT (dB)	RL (dB)	RCA-N(dB)	ACR-F (dB)	PSNEX T(dB)	PSACR N (dB)	PSACR F(dB)	
	Length per reel	1000ft	1.Spark 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	
	Conductor	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	
	Insulation	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 ²											
D	FILLER	CROSS SLOT	4.2x0.45mm		Standard: ISO/IEC 11801; ANSI/TIA-568-C.2; UL 444									
	Jacket	Material	PVC		Test : Perm.Link test by fluke 90+/-5m									
		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	RoHS compliant 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							