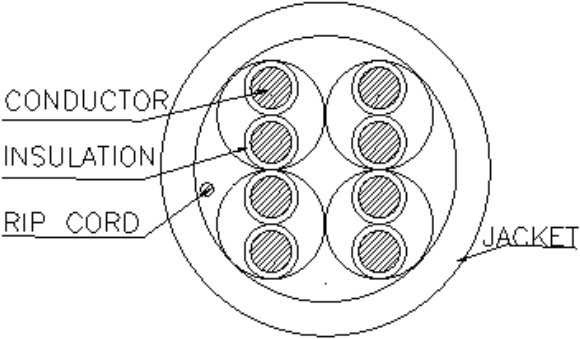


PRODUCTION SPECIFICATION SHEET

Configuration & physical Characters:			Electric Characters:		Premise Cable Electrical Table(TIA Cat 5E Perm.Link)											
Type of cable		UTP														
Length per reel		1000ft(305M)		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)
Number of pairs		4		2.Mutual Capacitance		560pF/100m Max		1	3.0	60.0	19.0	57.0	58.6	57.0	54.0	55.6
Field of application		indoor		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
Category		Cat.5E						8	5.5	50.0	19.0	44.5	40.6	47.0	41.5	37.6
Flame Rating:		/		4.Capacitance Unbalance		MAX 330pF/100m		10	6.2	48.5	19.0	42.3	38.6	45.5	39.3	35.6
Conductor	Material	Bare Copper		5. Resistance Unbalance		MAX 3%		16	7.9	45.2	19.0	37.3	34.5	42.2	34.3	31.5
	Size	24AWG 1/0.485±0.015 mm		6.Impedance		100±15Ω		20	8.9	43.7	19.0	34.8	32.6	40.7	31.8	29.6
Insulation	Material	HD-PE						25	10.0	42.1	18.0	32.1	30.7	39.1	29.1	27.7
	Thickness	MIN at any point: 0.19mm MAX AVG: 0.21mm						31.25	11.2	40.5	17.1	29.3	28.7	37.5	26.3	25.7
	Diameter	0.88± 0.01mm						62.5	16.2	35.7	14.1	19.4	22.7	32.7	16.4	19.7
	Color code	Blue/White-Blue						100	21.0	32.3	12.0	11.3	18.6	29.3	8.3	15.6
		Orange/White-Orange														
		Green/White-Green														
		Brown/White-Brown														
Elongation	MIN 300%															
Tensile strength	MIN 1.682Kg/mm ²															
Jacket	Material	CM PVC		<div style="text-align: center; font-size: 2em; color: orange; font-weight: bold;">CAT.5E IONNET CABLE</div>												
	Thickness	MIN at any point: 0.46mm MAX AVG: 0.50mm														
	Diameter	5.0±0.2mm														
	Colors	per request														
	Aging at 100°C for 168Hrs	MIN ELONGATION RETENTION:50%														
MIN TENSILE STRENGTH RETENTION:75%																
DIMENSIONS ARE IN mm		TOLERANCES ARE														
		FRACTIONS DECIMALS ANGLES														
MOLD NO.		.X±0.20														
		.XX±0.12														

Standard: ISO/IEC 11801; ANSI/TIA-568-C.2;
Test : Perm.Link test by fluke 90+/-5m