

for UTP CAT6 CMR 23AWG CABLE																																									
Configuration & physical Characters:			Electric Characters:			Premise Cable Electrical Table(TIA Cat 6 Perm.Link)																																			
Type of cable			UTP																																						
Length per reel			1000ft			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)			PSAC RF(dB)					
Number of pairs			4			2.Mutual Capacitance			560pf/100m Max			1			3.0			65.0			19.1			62.0			64.2			62.0			59.0			61.2					
Field of application			indoor			3.Conductor Resistance			MAX 9.38Ω/100m at 20°C			4			3.5			64.1			21.0			60.6			52.1			61.8			58.3			49.1					
Category			Cat.6			4.Capacitance Unbalance			MAX 330pf/100m			8			5.0			59.4			21.0			54.4			46.1			57.0			52.1			43.1					
Flame Rating:						5. Resistance Unbalance			MAX 5%			10			5.5			57.8			21.0			52.3			44.2			55.5			49.9			41.2					
Conductor			Material			Bare Copper			6.Impedance			100±15Ω			16			7.0			54.6			20.0			47.6			40.1			52.2			45.2			37.1		
			Size			23AWG						20			7.9			53.1			19.5			45.2			38.2			50.7			42.8			35.2					
Insulation			Material			POLYOLEFIN						25			8.9			51.5			19.0			42.7			36.2			49.1			40.2			33.2					
			Thickness			MIN at any point: 0.18mm MAX AVG: 0.22mm						31.25			10.0			50.0			18.5			40.0			34.3			47.5			37.6			31.3					
			Diameter			0.94± 0.01mm;0.96± 0.01mm;0.98± 0.01mm;1.00± 0.01mm						62.5			14.4			45.1			16.0			30.8			28.3			42.7			28.3			25.3					
			Color code			Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown						100			18.6			41.8			14.0			23.3			24.2			39.3			20.7			21.2					
			Elongation			MIN 300%						200			27.4			36.9			11.0			9.6			18.2			34.3			7.0			15.2					
			Tensile strength			MIN 1.682Kg/mm ²						250			31.1			35.3			10.0			4.2			16.2			32.7			1.6			13.2					
FILLER			CROSS SLOT			4.8x0.45mm						Standard:			ISO/IEC 11801; ANSI/TIA-568-C.2;UL 444																										
			Material			CMR PVC																																			
			Thickness			MIN at any point: 0.56mm MAX AVG: 0.58mm																																			
			Diameter			6.0±0.2mm																																			
Jacket			Colors			per request																																			
			Aging at 100°C for 168Hrs			MIN ELONGATION RETENTION:50% MIN TENSILE STRENGTH RETENTION:75%																																			
DIMENSIONS ARE IN mm			TOLERANCES ARE						DRAWN Jason			APPROVED			REV.			P/N:																							
			FRACTIONS DECIMALS ANGLES						DATE 03/13/2013			DATE			A																										
MOLD NO.			.X±0.20						SHEET OF			SCALE N.T.S																													
			.XX±0.12						SIZE A4																																

