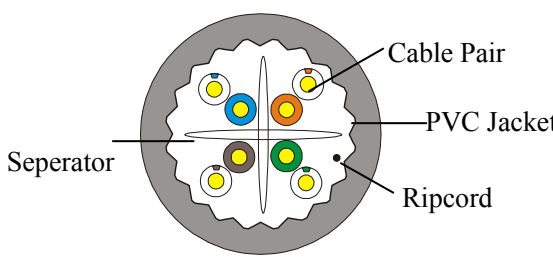




REF : UTP 4 pairs cable - category 6 A- 500MHz - PVC Sheath

Marking	STRUCTURED CABLE PRODUCTS --- P/N CAT6A --- CAT6A AUGMENTED 600 MHz UTP ETL VERIFIED TO ANSI/TIA-568-C.2 CMR 4PR 23AWG--- 75C CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 ***** FEET MM/YY									
Type	UTP/CAT6A-4P-PVC									
Standard	TIA/EIA 568B.2									
Conductor	material	Annealed bare copper								
	diameter	0.565	Up	+0.005						
			Down	-0.005						
Insulat.	Material	Solid HDPE								
	Diameter	1.01±0.02mm								
Jacket	Thickness	0.65±0.05 mm			Transmission properties(100m):					
	O.D	6.9±0.3 mm			Frequency.					
	Surface	Sooth , tight				RL	ATT	NEXT	DELAY	
	Material	PVC			(MHz)	≥dB	≤dB	≥dB	≤ns	
	Color	Per request			1	20.0	1.9	74.0	570.0	
Ink jet printing jacket	Height	3.0±0.3mm			4.0	23.0	3.7	65.0	552.0	
	Color	Black			8.0	24.5	5.3	60.7	546.7	
	Interval, tolerance	≤±0.5%, 1m			10.0	25.0	5.9	59.0	545.4	
					16.0	25.0	7.5	56.0	543.0	
Color codes	White(blue)/Blue	Whithe(Orange.)/orange			20.0	25.0	8.4	55.0	542.1	
					25.0	24.3	9.5	53.3	541.2	
	White(Green)/Green	Whithe(Brown)/Brown			31.25	23.6	10.6	52.0	540.4	
					62.5	21.5	15.4	47.0	538.6	
Packing	Wooden reel, 36 reels each pallet				100	20.1	19.8	44.0	537.6	
Weight:	N.W.:14.50KGS / G.W: 16.50KGS				200	18.0	29.0	40.0	536.5	
Length	305±1.5m				250	17.3	32.8	38.3	536.3	
Ripcord	Yes	Drain wire	No.		300	16.8	36.4	37.1	536.1	
Physical performance	Before aging Tensile Strength(Mpa)≥13.5 Elongation(%) ≥150				500	15.2	48.9	33.8	535.6	
	Aging condition(°C×hrs) 100°C×24h×7d				Freq.	PSNEXT	ELFEXT	PSELFEXT	PSANEXT	
	Before aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125				(MHz)	≥dB	≥dB	≥dB	≥dB	
	Cold bend(-20±2°C×4h) 8times of cable O.D., No crack				1	72.3	68.0	65.0	67.0	
					4	63.3	56.0	53.0	67.0	
Electrical Performance (20℃)	1.0-500MHz Delay skew(ns/100m) ≤45				8	58.8	49.9	46.9	67.0	
	NVP (%) 68				10	57.3	48.0	45.0	67.0	
	D.C Resistance(Ω/100m)max 9.38				16	54.2	43.9	40.9	67.0	
	D.C Resistance unbalance(%) max 2.0				20	52.8	42.0	39.0	67.0	
					25	51.3	40.0	37.0	67.0	
					31.25	49.9	38.1	35.1	67.0	
					62.5	45.4	32.1	29.1	65.6	
					100	42.3	28.0	25.0	62.5	
					200	37.8	22.0	19.0	58.0	
					250	36.3	20.0	17.0	56.5	
					300	35.1	18.5	15.5	55.3	
					500	31.8	14.0	11.0	52.0	
					 Structured Cable Products Quality Installations Deserve Quality Products					