

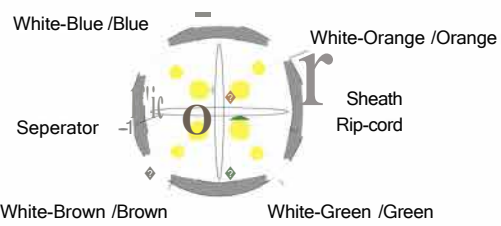
C6BC1000UL-CMP



CAT6 U/UTP 4Pairs cable-catearv 6-550MHz PVC Sheath



Product Description: Rated temperature:75 °C Reference Standard : UL444, CSA C22.2 No.214 Bare solid copper conductor Rohs/REACH complied PVC Jacket Flame Test: CMP Installation temperature:-30 °c-+50 °c									
Category	U/UTP CAT6-4P-PVC 0.53								
Test Standard	ISO/IEC11801, TIA-568-C.2 , YD/T1019								
Conductor	Material	Solid-Bare Copper							
	Nom .0 .D.(mm)	0.560	0.03mm up	+0 .005	down	-0.005			
Insulation	Material	FEP							
	Diameter	1.06 ±0.04mm							
Sheath	Thickness	0.4±0.05 mm							
	External O .D.	6.0±0.4 mm							
	Surface	Clean,Frap,Satiation							
	Material	PVC							
Surface Printing	Color	According to the requires							
	Letter height	3.0±0.3mm							
	Color	Black							
Core Color	Print error & Space	± 0.5%, 1m							
	40°40°22° 1 white- Blue /Blue	2 White-Orange /Orange							
Packing	3 White-Green /Green	4 White- Brown /Brown							
	Wooden Tray & Carton								
Carton dimension	40.5*40.5*21 cm OR customized								
Packing length	305±1.5m								
Rip-cord	Yes	Drain wire No							
Technical Performance (100m):									
Frequency (MHz)	RL (dB)	ATT(20-°c J) (dB)	NEXT (dB)	PHASE DELAY (ns)	Frequency (MHz)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	
1	20.0	2.03	74.3	570.00	1	72.3	67.8	64.8	
4	23.0	3.78	65.3	552.00	4	63.3	55.8	52.8	
8	24.5	5.32	60.8	546.73	8	58.8	49.7	46.7	
10	25	5.95	59.3	545.38	10	57.3	47.8	44.8	
16	25	7.55	56.2	543.00	16	54.2	43.7	40.7	
20	25	8.47	54.8	542.05	20	52.8	41.8	38.8	
25	24.3	9.51	53.3	541.2	25	41.3	39.8	36.8	
31.25	23.6	10.67	51.9	540.44	31.25	49.9	37.9	34.9	
62.5	21.5	15.38	47.7	538.55	62.5	45.4	31.9	28.9	
100	20.1	19.80	44.3	537.6	100	42.3	27.8	24.8	
200	18.0	28.98	39.8	536.54	200	37.8	21.8	18.8	
250	17.3	32.85	38.3	536.27	250	36.3	19.8	16.8	
*350	16.3	39.8	36.1	535.92	*350	34.1	16.4	13.9	
*400	15.9	43.0	35.3	535.80	*400	33.7	15.7	12.7	
*450	15.5	46.3	34.5	535.70	*450	32.5	14.7	11.7	
*500	15.2	48.9	33.8	535.60	*500	31.8	13.5	10.8	
*550	14.9	50.9	33.2	535.50	*550	31.2	12.1	9.9	



Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5
	Elongation(%)	≥150
	Aging Period (C x hrs)	100°C x 24h X7d
Electrical Characteristics (20°C)	After Aging Tensile Strength(Mpa)	≥12.5
	Elongation(%)	≥125
	Cold bend(-20±2°Cx4h) 8 xCable O.D.	No visible cracks
Electrical Characteristics (20°C)	1.0-250.0MHz Impedance ((Q)	100±15
	1.0-250.0MHz Delay Shew (ns/1 00m)	≤45
	NVP	69%
	Capacitance(nF/1 00m) max:	5.6
	DC Resistance (Q/100m) max	9.5
DC Conductor Resistance Unbalance(%) max	5.0	