

# UTP CAT 5 25 PAIRS

## 1) Physical Dimensions

Center Conductor: ..... 0.50±0.01mm BC  
 Insulation:..... 0.89±0.02mm PE  
 Pair Count Jacket Diameter mm Approx. Weight  
 25 13.2 Kg/305m 55  
 Ripcord: .....YES



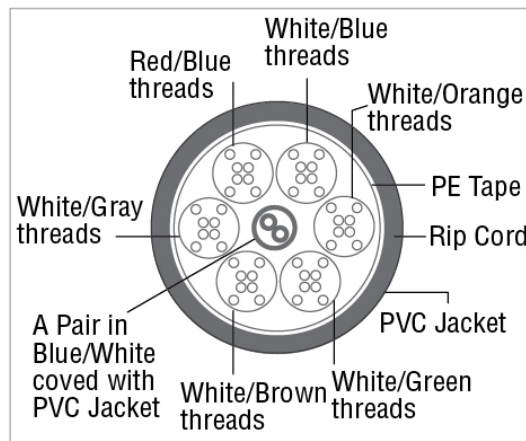
## 2) Mechanical Characteristics

Operating Temperature Range:..... 20°C To +75°C  
 Installation Temperature Range:..... 0°C To +60°C

## 3) Pair Identification:

## 4) Electrical Characteristics

Capacitance: ..... 5.6 nF/100m  
 Resistance Unbalance.: 5%  
 Conductor DCR:..... 9.38Ω /100m



## 5) Electrical Performance [ @68°F . (20°C) ]

Frequency (MHz)	Impedance ohm	Return Loss dB	Attenuation dB	NEXT dB	ELFEXT dB	PS-NEXT dB	PS-ELFEXT dB
1	100±15	17	2.0	62.3	61	62.3	61
4		20	4.1	53.3	49	53.3	49
10		22	6.5	47.3	41	47.3	41
16		20	8.2	44.2	37	44.2	37
20		20	9.3	42.8	35	42.8	35
31.25		18	11.7	39.9	31	39.9	31
62.5		16	17.0	35.4	25	35.4	25
100		15	22.0	32.3	21	32.3	21

6) Approval:      

NEC/(UL) Specification: CM CEC/c(UL) Specification: CM EU  
 CE Mark: YES EU RoHS Compliance: YES TIA/EIA  
 Specification: ANSI/TIA/EIA- 568-B.2, Category 5e