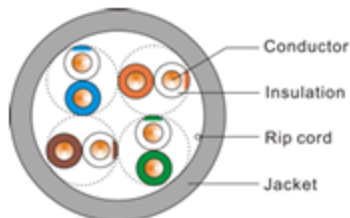


UTP CAT5E BC PVC



1) Constructions

Conductor	Nom. Dia.	0.48 mm
	Material	Solid bare copper
Insulation	Nom. Dia.	0.90 mm twisted
	Material	HDPE
Ripcord	Material	Nylon
Jacket	Nom. O.D.	5.0 mm
	Average Thickness	0.50mm
	Material	PVC (colour optional)

2) Electrical Characteristics(@20°C)

1-100MHz Impedance	100±15Ω
1-100MHz Delay Shew	≤45ns/100m

3) Technical Performance(@100m)

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	Phrase DELAY ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.0	65.3	570.00	62.3	63.8	60.8
4.0	23.0	4.1	56.3	552.00	53.3	51.8	48.8
8.0	24.5	5.8	51.8	546.73	48.8	45.7	42.7
10.0	25.0	6.5	50.3	545.38	47.3	43.8	40.8
16.0	25.0	8.2	47.2	543.00	44.4	39.7	36.7
20.0	25.0	9.3	45.8	542.05	42.8	37.8	34.8
25.0	24.3	10.4	44.3	541.20	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
62.5	21.5	17.0	38.4	538.55	35.4	27.9	24.9
100	20.1	22.0	35.3	537.60	32.3	23.8	20.8

4) Mechanical Characteristics

Installation Temperature ----- 0°C to +60°C

Operating Temperature ----- -20°C to +70°C