

UTP CAT6+2C

Basic Construction

	Material	Diameter (mm)
Conductor	BC	23AWG
Insulation	PE	1.04
Jacket	PVC	5.70
Power wire conductor	bare copper/CCA	18AWG
Power wire Diameter of insulation	PVC	2.00

BASIC CHARACTERISTICS

Temperature Rating	-20℃ to 60℃				
Dielectric Breakdown	2500V				
DC Resistance/Unbalance	28.6Ω/1000'Max/5% Max				
Characteristics Impedance	100Ω				
Other Electric Performance	Frequency (MHz)	Attenuation (dB/100m)	Return Loss (dB/100m)	Pair to Pair	
				Next (dB/100m)	ELFEXT (dB/100m)
	1.0	2.0	20.0	75.3	63.8
	4.0	3.8	23.0	66.3	51.7
	8.0	5.3	24.5	61.8	45.7
	10.0	6.0	25.0	60.3	42.8
	16.0	7.6	25.0	57.2	39.7
	20.0	8.5	25.0	55.8	37.7
	25.0	9.5	24.3	54.3	35.8
	31.25	10.7	23.6	52.9	33.9
	62.5	15.4	21.5	48.4	30.0
	100.0	19.8	20.1	45.3	29.0
	155.0	25.2	18.8	42.4	28.1
	200.0	29.0	18.0	40.8	27.8
	250.0	32.9	17.3	39.3	23.8
	400	40.8	16.9	39.3	18.8