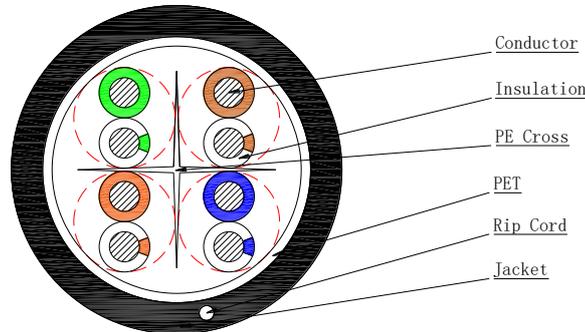


CAT6-OD



一、 Technical parameter

Type	CAT6 U/UTP	
Specification	ANSI/TIA-568-C.2	
Product Weight	N.W. LB/ PC: 25.4	G.W. LB / PC: 27.6
Conductor material	BC	
Conductor Construction (mm)	0.54±0.01	
Insulation		
Insulation material	HDPE	
Insulation diameter(mm)	0.94±0.05	
Average Thickness (mm)	0.20	
Min Thickness (mm)	0.18	
Color	Blue, White/ Blue, Orange, White/ Orange, Green, White/ Green, Brown, White/ Brown	
Filler		
Filler Material	Cross	
Wrapping tape		
Wrapping tape material	PET	
Rip-cord		
Rip-cord	Yes	
Jacket		
Jacket material	PE	
Jacket Diameter(mm)	6.2±0.3	
Average Thickness (mm)	0.60	
Min Thickness (mm)	0.50	

Type		CAT6 U/UTP					
Specification		ANSI/TIA-568-C.2					
Color		Black					
Electrical & Physical Characteristics:							
Conductor DCR 20°C		≤93.8Ω/km					
Operational Temperature		-20°C~+90°C					
Characteristic Impedance (Ohm)		100±15					
Permanent link transmission performance(90M)							
Frequency (MHz)	Insertion Loss (dB)	NEXT (dB)	PSNEXT (dB)	ACRF (dB)	PSACRF (dB)	Return loss (dB)	Delay (ns)
1	1.9	65.0	62.0	64.2	61.2	19.1	521.0
4	3.5	64.1	61.8	52.1	49.1	21.0	504.0
8	5.0	59.4	57.0	46.1	43.1	21.0	500.0
10	5.5	57.8	55.5	44.2	41.2	21.0	498.0
16	7.0	54.6	52.5	40.1	37.1	20.0	496.0
20	7.9	53.1	50.7	38.2	35.2	19.5	495.0
25	8.9	51.5	49.1	36.2	33.2	19.0	495.0
31.25	10.0	50.0	47.5	34.3	31.3	18.5	494.0
62.5	14.4	45.1	42.7	28.3	25.3	16.0	492.0
100	18.6	41.8	39.3	24.2	21.2	14.0	491.0
200	27.4	36.9	34.3	18.2	15.2	11.0	490.0
250	31.1	35.3	32.7	16.2	13.2	10.0	490.0