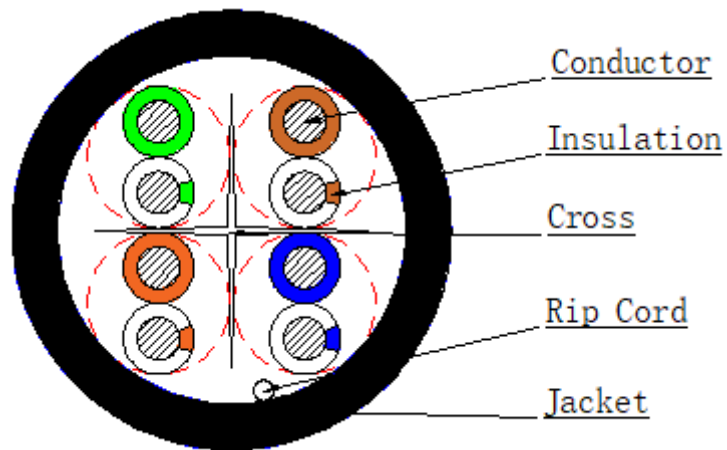




一、Technical parameter

Type	CAT6 U/UTP PE
(mm) Specification	ANSI/TIA-568-C.2
Conductor	
Conductor material	BC
Conductor Construction (mm)	0.55±0.01
Insulation	
Insulation material	HDPE
Insulation diameter(mm)	1.01±0.05
Average Thickness (mm)	0.22
Min Thickness (mm)	0.18
Color	Blue, White/Blue, Orange, White/Orange, Green, White/Green, Brown, White/Brown
Fill	
material	Cross the skeleton
Rip-cord	
Rip-cord	Yes
PET foil	Yes
Inner Jacket	
Jacket material	Low smoke halogen free
Jacket Diameter(mm)	6.1±0.3
Average Thickness (mm)	0.55
Min Thickness (mm)	0.45
Color	Black-RAL9005
Electrical & Physical Characteristics:	
Conductor DCR 20℃	≤93.8 Ω /km

Type			CAT6 U/UTP PE				
(mm) Specification			ANSI/TIA-568-C.2				
Operational Temperature			-20℃～+50℃				
Characteristic Impedance (Ohm)			100±15				
Fire Test			Fca				
Horizontal Link transmission performance							
Frequency (MHz)	RL	Loss	NEXT	PSNEXT	ACRF	PSACRF	delay
1.0	20.0	2.0	74.3	72.3	67.8	64.8	570.0
4.0	23.0	3.8	65.3	63.3	55.8	52.8	552.0
8.0	24.5	5.3	60.8	58.8	49.7	46.7	547.0
10.0	25.0	6.0	59.3	57.3	47.8	44.8	545.0
16.0	25.0	7.6	56.2	54.2	43.7	40.7	543.0
20.0	25.0	8.5	54.8	52.8	41.8	38.8	542.0
25.0	24.3	9.5	53.3	51.3	39.8	36.8	541.0
31.3	23.6	10.7	51.9	49.9	37.9	34.9	540.0
62.5	21.5	15.4	47.4	45.4	31.9	28.9	539.0
100.0	20.1	19.8	44.3	42.3	27.8	24.8	538.0
200.0	18.0	29.0	39.8	37.8	21.8	18.8	537.0
250.0	17.3	32.8	38.3	36.3	19.8	16.8	536.0