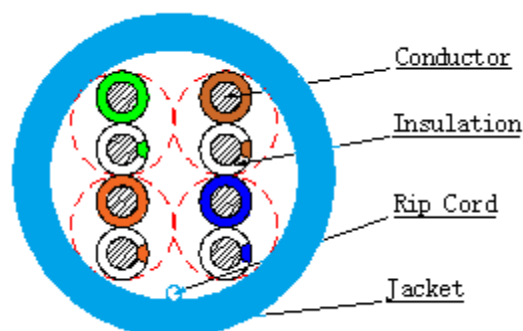




一、 Technical parameter

Type	CAT5e U/UTP LSHF
(mm) Specification	ANSI/TIA-568-C.2
Conductor	
Conductor material	BC
Conductor Construction (mm)	0.475±0.01
Insulation	
Insulation material	HDPE
Insulation diameter(mm)	0.86±0.05
Average Thickness (mm)	0.18
Min Thickness (mm)	0.16
Color	Blue, White/ Blue, Orange, White/ Orange, Green, White/ Green, Brown, White/ Brown
Rip-cord	
Rip-cord	Yes
Inner Jacket	
Jacket material	Low smoke halogen free
Jacket Diameter(mm)	5.0±0.3
Average Thickness (mm)	0.50
Min Thickness (mm)	0.43
Color	Blue-RAL5012
Electrical & Physical Characteristics:	
Conductor DCR 20℃	≤95Ω/km
Characteristic Impedance (Ohm)	100±15
Operational Temperature	-20℃~+50℃
Fire Test	IEC60332-1-2

Type			CAT5e U/UTP LSHF				
(mm) Specification			ANSI/TIA-568-C.2				
Horizontal cable transmission performance							
Frequency (MHz)	Insertion Loss (dB)	NEXT (dB)	PSNEXT (dB)	ACRF (dB)	PSACRF (dB)	Return loss (dB)	Delay (ns)
1.00	2	65.3	62.3	63.8	60.8	20	570
4.00	4.1	56.3	53.3	51.8	48.8	23	552
8.00	5.8	51.8	48.8	45.7	42.7	24.5	547
10.00	6.5	50.3	47.3	43.8	40.8	25	545
16.00	8.2	47.2	44.2	39.7	36.7	25	543
20.00	9.3	45.8	42.8	37.8	34.8	25	542
25.00	10.4	44.3	41.3	35.8	32.8	24.3	541
31.25	11.7	42.9	39.9	33.9	30.9	23.6	540
62.50	17.0	38.4	35.4	27.9	24.9	21.5	539
100.00	22.0	35.3	32.3	23.8	20.8	20.1	538