
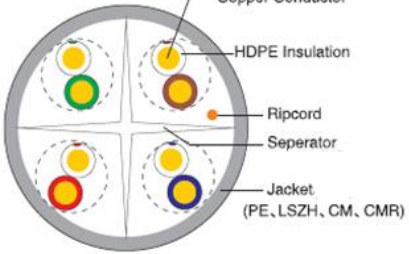


UTP Category 6 Cables

Content of Data Sheet				
Product model	CAB-LC3100			
Product specification	HSYV-6 4x2x0.57			
Test Standard	YD/T1019-2013			
Conductor	Material	OFC(Oxygen free copper)		
	AWG	23		
	Nom.O.D.(mm)	0.57±0.005 mm		
	DC resistance	≤95 Ω/km		
Insulation	Material	HDPE		
	Thickness	0.2±0.02 mm		
	Diameter	1.02±0.05 mm		
Color	Blue/White- Blue	Green/White-Green	Electrical Characteristics:	
	Orange /White-Orange	Brown/White-Brown		
Pitch	Offset pitch	≤20 mm		
	Cable pitch	≤120 mm		
Sheath	Material	PVC(complies RoHS/REAC)		
	External O.D.	6.2±0.3 mm		
	Color	Blue(RAL5015)		
	Tensile strength	>13.5 Mpa		
	Thickness	0.6±0.05 mm		
Surface Printing	Letter height	3.0±0.3 mm		
	Color	Black		
	Print error & Space	1±0.005 m		
	Case number	Yes		
Packing	Packing	Carton		

Frequency	Characteristic impedance	RL	ATT	NEXT
MHz	ohm	≥dB/100m	≤dB/100m	≥dB/100m
1	100±15	20.0	2.0	74.3
4	100±15	23.0	3.8	65.3
10	100±15	25.0	6.0	59.3
16	100±15	25.0	7.6	56.2
20	100±15	25.0	8.5	54.8
31.25	100±15	23.6	10.7	51.9
62.5	100±15	21.5	15.4	47.4
100	100±15	20.1	19.8	44.3
155	100±15	18.9	24.7	41.7
200	100±15	18.0	29.0	39.8
250	100±15	17.3	32.8	38.3

	Once packing dimension		420mm*205mm*420mm		Frequency	FEXT	PS NEXT	PS FEXT	Phase delay
	MHz	≥dB/100m	≥dB/100m	≥dB/100m	≤ns/100m				
	Twice packing dimension		450mm*440mm*445mm		1	63.8	72.3	64.8	570.0
	Twice packing quantity		2 cases		4	51.7	63.3	57.7	552.0
					10	43.8	57.3	44.8	545.4
Packing length	305±1m				16	39.7	54.3	40.7	543.0
					20	37.7	52.8	38.7	542.0
Rip-cord	Yes	Crossing backbone	Yes	31.25	33.9	49.9	34.9	540.4	
				62.5	27.8	45.4	28.8	538.6	
Ambient temperature	-20°C ~ 60°C				100	23.8	42.3	24.8	537.4
					150	20.2	39.4	20.9	536.0
					200	17.7	37.8	18.7	536.0
					250	15.8	36.3	16.8	536.0