

# UTP CAT 6 Cables

## Content of Data Sheet

Product model	CAB-LC3100						
Product specification	HSYV-6 4×2×0.57						
Test Standard	YD/T1019-2013						
Conductor	Material	Solid-Bare 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	MHz	Characteristic impedance	RL	ATT	NEXT
	Cable pitch	≤120 mm	ohm	≥dB/100m	≤dB/100m	≥dB/100m	
Sheath	Material	PVC(complies RoHS/REAC)	1	100±15	20.0	2.0	74.3
	External O.D.	6.2±0.3 mm	4	100±15	23.0	3.8	65.3
	Color	Blue(RAL5015)	10	100±15	25.0	6.0	59.3
	Tensile strength	>13.5 Mpa	16	100±15	25.0	7.6	56.2
	Thickness	0.6±0.05 mm	20	100±15	25.0	8.5	54.8
Surface Printing	Letter height	3.0±0.3 mm	31.25	100±15	23.6	10.7	51.9
	Color	Black	62.5	100±15	21.5	15.4	47.4
	Print error & Space	1±0.005 m	100	100±15	20.1	19.8	44.3
	Case number	Yes	155	100±15	18.9	24.7	41.7
Packing	Packing	Carton	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
				4	51.7	63.3	57.7	552.0
	Twice packing quantity		2 cases	10	43.8	57.3	44.8	545.4
				16	39.7	54.3	40.7	543.0
Packing length	305±1m			20	37.7	52.8	38.7	542.0
				31.25	33.9	49.9	34.9	540.4
Rip-cord	Yes	Crossing backbone	Yes	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

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