


# UTP CAT 5E Cables

## Content of Data Sheet

Product model	CAB-LC2100				
Product specification	HSYV-5e 4×2×0.50				
Test Standard	YD/T1019-2013				
Conductor	Material	Solid-Bare Copper			
	AWG	24			
	Nom.O.D.(mm)	0.5±0.005 mm			
	DC resistance	≤95 Ω/km			
Insulation	Material	HDPE			
	Thickness	0.2±0.02 mm			
	Diameter	0.9±0.05 mm			
	Color	Blue/White- Blue	Green/White-Green		
		Orange /White-Orange	Brown/White-Brown		
Pitch	Offset pitch	≤25 mm			
	Cable pitch	≤140 mm			
Sheath	Material	PVC(complies RoHS/REACH)			
	External O.D.	5.1±0.3 mm			
	Color	Gray(RAL7046)			
	Tensile strength	>13.5 Mpa			
	Thickness	0.55±0.05 mm			
Surface Printing	Letter height	3.0±0.3 mm			
	Color	Black			
	Print error & Space	1±0.005 m			
	Case number	Yes			



Electrical Characteristics:					
Frequency	Characteristic impedance	RL	ATT	NEXT	
MHz	ohm	≥dB/100m	≤dB/100m	≥dB/100m	
1	100±15	20.0	2.0	65.3	
4	100±15	23.0	4.1	56.3	
10	100±15	25.0	6.5	50.3	
16	100±15	25.0	8.2	47.3	
20	100±15	25.0	9.3	45.8	
31.25	100±15	23.6	11.6	42.9	
62.5	100±15	21.5	17.0	38.4	
100	100±15	20.1	22.0	35.3	
Frequency	FEXT	PS NEXT	PS FEXT	Phase delay	
MHz	≥dB/100m	≥dB/100m	≥dB/100m	≤ns/100m	

Packing	Packing	Carton	1	63.8	62.3	60.8	570.0
	Once packing dimension	360mm*205mm*360mm	4	51.7	53.3	48.7	552.0
			10	43.8	47.3	40.8	545.4
	Twice packing dimension	643mm*385mm*385mm	16	39.7	44.2	36.7	543.0
			20	37.7	42.8	34.7	542.0
	Twice packing quantity	3 cases	31.25	33.9	39.9	30.9	540.4
62.5			27.8	35.4	24.8	538.6	
Packing length	305±1 m		100	23.8	32.3	20.8	537.4
Rip-cord	Yes						
Ambient temperature	-20°C ~ 60°C						

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