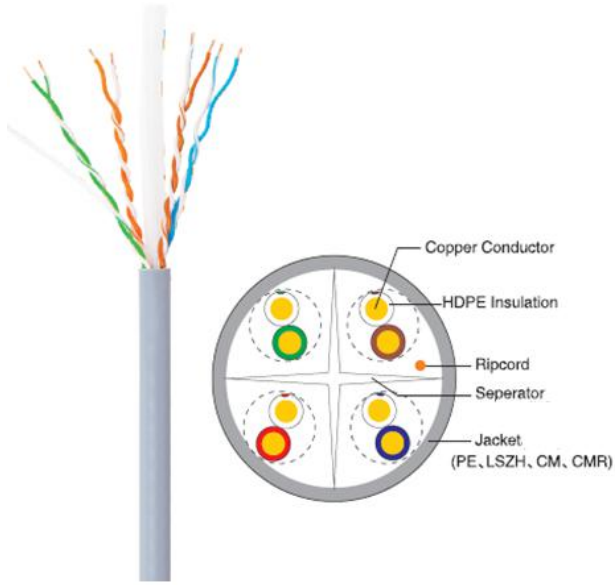


## UTP Category 6 Cables

Content of Data Sheet																																																																							
Product model	CAB-LC3100A-IN																																																																						
Product specification	HSYV-6 4×2×0.57																																																																						
Test Standard	ISO/IEC 11801,TIA/EIA 568B.2																																																																						
Conductor	Material	Solid-Bare Copper																																																																					
	AWG	23																																																																					
	Nom.O.D.(mm)	0.57±0.005 mm																																																																					
	DC resistance	≤95 Ω/km																																																																					
Insulation	Material	HDPE		<div>Electrical Characteristics:</div> <table><thead><tr><th>Frequency</th><th>Characteristic impedance</th><th>RL</th><th>ATT</th><th>NEXT</th></tr></thead><tbody><tr><td>MHz</td><td>ohm</td><td>≥dB/100m</td><td>≤dB/100m</td><td>≥dB/100m</td></tr><tr><td>1</td><td>100±15</td><td>20.0</td><td>2.0</td><td>74.3</td></tr><tr><td>4</td><td>100±15</td><td>23.0</td><td>3.8</td><td>65.3</td></tr><tr><td>10</td><td>100±15</td><td>25.0</td><td>6.0</td><td>59.3</td></tr><tr><td>16</td><td>100±15</td><td>25.0</td><td>7.6</td><td>56.2</td></tr><tr><td>20</td><td>100±15</td><td>25.0</td><td>8.5</td><td>54.8</td></tr><tr><td>31.25</td><td>100±15</td><td>23.6</td><td>10.7</td><td>51.9</td></tr><tr><td>62.5</td><td>100±15</td><td>21.5</td><td>15.4</td><td>47.4</td></tr><tr><td>100</td><td>100±15</td><td>20.1</td><td>19.8</td><td>44.3</td></tr><tr><td>155</td><td>100±15</td><td>18.9</td><td>24.7</td><td>41.7</td></tr><tr><td>200</td><td>100±15</td><td>18.0</td><td>29.0</td><td>39.8</td></tr><tr><td>250</td><td>100±15</td><td>17.3</td><td>32.8</td><td>38.3</td></tr></tbody></table>			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
	Frequency	Characteristic impedance	RL				ATT	NEXT																																																															
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250	100±15	17.3	32.8	38.3																																																																			
	Thickness	0.2±0.02 mm																																																																					
	Diameter	1.02±0.05 mm																																																																					
	Color	Blue/White- Blue	Green/White-Green																																																																				
		Orange /White-Orange	Brown/White-Brown																																																																				
Pitch	Offset pitch	≤20 mm		MHz	ohm	≥dB/100m	≤dB/100m	≥dB/100m																																																															
	Cable pitch	≤120 mm		1	100±15	20.0	2.0	74.3																																																															
Sheath	Material	PVC(complies RoHS/REAC)		4	100±15	23.0	3.8	65.3																																																															
	External O.D.	6.2±0.3 mm		10	100±15	25.0	6.0	59.3																																																															
	Color	Blue(RAL5015)		16	100±15	25.0	7.6	56.2																																																															
	Tensile strength	>13.5 Mpa		20	100±15	25.0	8.5	54.8																																																															
	Thickness	0.6±0.05 mm		31.25	100±15	23.6	10.7	51.9																																																															
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Surface Printing	Letter height	3.0±0.3 mm		100	100±15	20.1	19.8	44.3																																																															
	Color	Black		155	100±15	18.9	24.7	41.7																																																															
	Print error & Space	1±0.005 m		200	100±15	18.0	29.0	39.8																																																															
	Case number	Yes		250	100±15	17.3	32.8	38.3																																																															
Packing	Packing	Carton																																																																					

	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℃ ~ 60℃				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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\*Product specifications and availability are subject to change without notice.