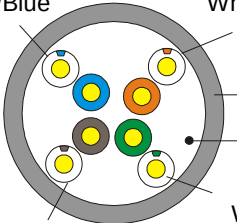


U/UTP 4Pairs CCA cable-category5E-PVC Sheath

Content of the Data Sheet

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Sheath Printing	HIKVISION U/UTP 4PR Eca CAT5E CCA PVC xxxxm mm/dd/yyyy Tracing Code-HS																																																							
Model	DS-1LN5EU-G/CCA				White-Blue /Blue White-Orange/Orange Sheath Rip-cord White- Brown /Brown White- Green /Green 																																																			
Category	CAT. 5e CCA U/UTP 4x2x24AWG/1 PVC																																																							
Conductor	Material	CCA (Copper content: 23%)																																																						
	Nom.O.D.(mm)	0.50	up	+0.01																																																				
down			-0.01																																																					
Insulation	Material	Solid HDPE																																																						
	Diameter	0.95±0.05mm																																																						
Sheath	Thickness	0.50±0.05 mm		Technical Performance(90m Fluke channel test): <table><tr><th>Frequency</th><th>RL</th><th>ATT</th><th>NEXT</th><th>Phase DELAY</th></tr><tr><th></th><th>Min.</th><th>Max.</th><th>Min.</th><th>Max.</th></tr><tr><th>(MHz)</th><th>dB</th><th>dB/100m</th><th>dB</th><th>ns/100m</th></tr><tr><td>4.0</td><td>23.01</td><td>4.3</td><td>56.3</td><td>552</td></tr><tr><td>10.0</td><td>25.00</td><td>6.7</td><td>50.3</td><td>545</td></tr><tr><td>16.0</td><td>25.00</td><td>8.4</td><td>47.3</td><td>543</td></tr><tr><td>20.0</td><td>25.00</td><td>9.5</td><td>45.8</td><td>542</td></tr><tr><td>31.25</td><td>23.64</td><td>11.9</td><td>42.9</td><td>540</td></tr><tr><td>62.5</td><td>21.54</td><td>17.3</td><td>38.4</td><td>539</td></tr><tr><td>100</td><td>20.11</td><td>24.0</td><td>35.3</td><td>538</td></tr></table>			Frequency	RL	ATT	NEXT	Phase DELAY		Min.	Max.	Min.	Max.	(MHz)	dB	dB/100m	dB	ns/100m	4.0	23.01	4.3	56.3	552	10.0	25.00	6.7	50.3	545	16.0	25.00	8.4	47.3	543	20.0	25.00	9.5	45.8	542	31.25	23.64	11.9	42.9	540	62.5	21.54	17.3	38.4	539	100	20.11	24.0	35.3	538
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100	20.11	24.0	35.3	538																																																				
External O.D.	5.0±0.20 mm																																																							
Surface	Clean, Frap, Satiation																																																							
Material	FR-PVC(complies RoHS)																																																							
Color	Gray RAL7037																																																							
Surface Printing	Letter height	2.5±0.2mm																																																						
	Color	Black																																																						
	Print error & Space	≤±0.5%, 1m																																																						
	Core Color	1 Blue & White/ Blue	2 Orange & White/ Orange																																																					
3 Green & White/ Green		4 Brown & White/ Brown																																																						
Packing	Carton				Frequency PSNEXT <table><tr><th>(MHz)</th><th>Min. dB</th><th>ELFEXT Min. dB</th><th>PSELFEXT Min. dB</th></tr><tr><td>4</td><td>53.3</td><td>50.0</td><td>49.0</td></tr><tr><td>10</td><td>47.3</td><td>42.0</td><td>41.0</td></tr><tr><td>16</td><td>44.3</td><td>37.9</td><td>36.9</td></tr><tr><td>20</td><td>42.8</td><td>36.0</td><td>35.0</td></tr><tr><td>31.25</td><td>39.9</td><td>34.1</td><td>31.0</td></tr><tr><td>62.5</td><td>35.4</td><td>26.1</td><td>25.0</td></tr><tr><td>100</td><td>32.3</td><td>22.0</td><td>21.0</td></tr></table>		(MHz)	Min. dB	ELFEXT Min. dB	PSELFEXT Min. dB	4	53.3	50.0	49.0	10	47.3	42.0	41.0	16	44.3	37.9	36.9	20	42.8	36.0	35.0	31.25	39.9	34.1	31.0	62.5	35.4	26.1	25.0	100	32.3	22.0	21.0																		
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100	32.3	22.0	21.0																																																					
Carton dimension	36x36x22.5cm																																																							
Packing length	(305±1.5)m																																																							
Rip-cord	Yes	Drain wire	No																																																					
Sheath Physical Properties	Before Aging Tensile Strength (Mpa) ≥13.5 Elongation(%) ≥150																																																							
	Aging Period(°C×hrs) 100°C×24h×7d																																																							
	After Aging Tensile Strength(Mpa) ≥12.5, variance ratio: ± 25% Elongation(%) ≥125, variance ratio: ± 20%																																																							
	Cold bend(-20±2°C×4h) 8×Cable O.D., No visible cracks																																																							
Electrical Characteristics (20°C)	1.0-100.0MHz Impedance(Ω)		100±15																																																					
	1.0-100.0MHz Delay Shew (ns/100m)		≤45																																																					
	DC ResistanceΩ/100m) max		15.3																																																					
	DC Conductor Resistance Unbalance(%) max		2																																																					
Ambient temperature: -20℃ - 70℃																																																								