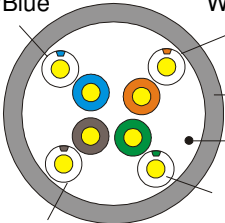


U/UTP 4Pairs cable-category5E-PVC Sheath

P/N: HK-1191-C5E-003-01

Content of the Data Sheet

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	HIKVISION E484059-Z CMX (UL) 4PR 24AWG 75 ℃ U/UTP CAT5E VERIFIED TO ANSI/TIA-568-C.2 PVC ****m mm/dd/yyyy																																																																																																																								
Customer Reference					White-Blue /Blue White-Orange/Orange Sheath Rip-cord White- Brown /Brown White- Green /Green 																																																																																																																				
Category	U/UTP CAT5E-4P- PVC-CMX																																																																																																																								
Test Standard	ISO/IEC11801、TIA-568-C.2 YD/T1019																																																																																																																								
Conductor	Material	Solid-Bare Copper																																																																																																																							
	Copper content	99.97%																																																																																																																							
	Nom.O.D.(mm)	0.450	up	+0.005																																																																																																																					
			down	-0.005																																																																																																																					
Insulation	Material	HDPE																																																																																																																							
	Diameter	0.82±0.03mm																																																																																																																							
Sheath	Thickness	0.50±0.05 mm			Technical Performance(100m): <table><thead><tr><th>Frequency (MHz)</th><th>RL ≥dB</th><th>ATT ≤dB</th><th>NEXT ≥dB</th><th>Phase ≤ns</th><th>DELAY</th></tr></thead><tbody><tr><td>1</td><td>19.0</td><td>3.0</td><td>60.0</td><td>521</td><td></td></tr><tr><td>4.0</td><td>19.0</td><td>3.9</td><td>54.8</td><td>504</td><td></td></tr><tr><td>8.0</td><td>19.0</td><td>5.5</td><td>50.0</td><td>500</td><td></td></tr><tr><td>10.0</td><td>19.0</td><td>6.2</td><td>48.5</td><td>498</td><td></td></tr><tr><td>16.0</td><td>19.0</td><td>7.9</td><td>45.2</td><td>496</td><td></td></tr><tr><td>20.0</td><td>19.0</td><td>8.9</td><td>43.7</td><td>495</td><td></td></tr><tr><td>25.0</td><td>18.0</td><td>10.0</td><td>42.1</td><td>495</td><td></td></tr><tr><td>31.25</td><td>17.1</td><td>11.2</td><td>40.5</td><td>494</td><td></td></tr><tr><td>62.5</td><td>14.1</td><td>16.2</td><td>35.7</td><td>492</td><td></td></tr><tr><td>100</td><td>12.0</td><td>21.0</td><td>32.3</td><td>491</td><td></td></tr></tbody></table> <table><thead><tr><th>Frequency (MHz)</th><th>PSNEXT ≥dB</th><th>ELFEXT ≥dB</th><th>PSELFEXT ≥dB</th></tr></thead><tbody><tr><td>1</td><td>57.0</td><td>58.6</td><td>55.6</td></tr><tr><td>4</td><td>51.8</td><td>46.6</td><td>43.6</td></tr><tr><td>8</td><td>47.0</td><td>40.6</td><td>37.5</td></tr><tr><td>10</td><td>45.5</td><td>38.6</td><td>35.6</td></tr><tr><td>16</td><td>42.2</td><td>34.5</td><td>31.5</td></tr><tr><td>20</td><td>40.7</td><td>32.6</td><td>29.6</td></tr><tr><td>25</td><td>39.1</td><td>30.7</td><td>27.7</td></tr><tr><td>31.25</td><td>37.5</td><td>28.7</td><td>25.7</td></tr><tr><td>62.5</td><td>32.7</td><td>22.7</td><td>19.7</td></tr><tr><td>100</td><td>29.3</td><td>18.6</td><td>15.6</td></tr></tbody></table>							Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	Phase ≤ns	DELAY	1	19.0	3.0	60.0	521		4.0	19.0	3.9	54.8	504		8.0	19.0	5.5	50.0	500		10.0	19.0	6.2	48.5	498		16.0	19.0	7.9	45.2	496		20.0	19.0	8.9	43.7	495		25.0	18.0	10.0	42.1	495		31.25	17.1	11.2	40.5	494		62.5	14.1	16.2	35.7	492		100	12.0	21.0	32.3	491		Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	1	57.0	58.6	55.6	4	51.8	46.6	43.6	8	47.0	40.6	37.5	10	45.5	38.6	35.6	16	42.2	34.5	31.5	20	40.7	32.6	29.6	25	39.1	30.7	27.7	31.25	37.5	28.7	25.7	62.5	32.7	22.7	19.7	100	29.3	18.6	15.6
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100	29.3	18.6	15.6																																																																																																																						
	External O.D.	4.7±0.4 mm																																																																																																																							
	Surface	Clean,Frap,Satiation																																																																																																																							
	Material	PVC(complies RoHS),CM																																																																																																																							
	Color	Grey ZLC1003																																																																																																																							
Surface Printing	Letter height	3.0±0.3mm																																																																																																																							
	Color	Black																																																																																																																							
	Print error & Space	≤±0.5%, 1m																																																																																																																							
Core Color	1 White- Blue /Blue	2 White-Orange /Orange																																																																																																																							
	3 White- Green /Green	4 White- Brown /Brown																																																																																																																							
Packing	Wooden Tray & Carton																																																																																																																								
Carton dimension	Per request																																																																																																																								
Packing length	305±1.5m/80±0.5m																																																																																																																								
Rip-cord	Yes	Drain wire	No																																																																																																																						
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)		≥13.5																																																																																																																						
	Elongation(%)		≥150																																																																																																																						
	Aging Period(℃×hrs)		100℃×24h×10d																																																																																																																						
	After Aging Tensile Strength(Mpa)		≥12.5																																																																																																																						
	Elongation(%)		≥125																																																																																																																						
	Cold bend(-20±2℃×4h) 8×Cable O.D., No visible cracks																																																																																																																								
Electrical Characteristics (20℃)	1.0-100.0MHz Impedance(Ω)		100±15																																																																																																																						
	1.0-100.0MHz Delay Shew (ns/100m)		≤45																																																																																																																						
	DC ResistanceΩ/100m) max		14.8																																																																																																																						
	DC Conductor Resistance Unbalance(%) max		5.0																																																																																																																						
Ambient temperature: -20℃ - 70℃																																																																																																																									