

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

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

Content of the Data Sheet

HIKVISION E484059-Z CMX (UL) 4PR 24AWG 75 °C U/UTP CAT5E VERIFIED TO		ANSI/TIA-568-C.2 PVC ****m mm/dd/yyyy																																																													
Customer Reference																																																															
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)	up	+0.005																																																												
down		-0.005																																																													
Insulation	Material	HDPE																																																													
	Diameter	0.82±0.03mm																																																													
Sheath	Thickness	0.50±0.05 mm		<b>Technical Performance(100m):</b> <table border="1"> <thead> <tr> <th rowspan="2">Frequency (MHz)</th> <th>RL</th> <th>ATT</th> <th>NEXT</th> <th>Phase DELAY</th> </tr> <tr> <th>≥dB</th> <th>≤dB</th> <th>≥dB</th> <th>≤ns</th> </tr> </thead> <tbody> <tr><td>1</td><td>19.0</td><td>3.0</td><td>60.0</td><td>521</td></tr> <tr><td>4.0</td><td>19.0</td><td>3.9</td><td>54.8</td><td>504</td></tr> <tr><td>8.0</td><td>19.0</td><td>5.5</td><td>50.0</td><td>500</td></tr> <tr><td>10.0</td><td>19.0</td><td>6.2</td><td>48.5</td><td>498</td></tr> <tr><td>16.0</td><td>19.0</td><td>7.9</td><td>45.2</td><td>496</td></tr> <tr><td>20.0</td><td>19.0</td><td>8.9</td><td>43.7</td><td>495</td></tr> <tr><td>25.0</td><td>18.0</td><td>10.0</td><td>42.1</td><td>495</td></tr> <tr><td>31.25</td><td>17.1</td><td>11.2</td><td>40.5</td><td>494</td></tr> <tr><td>62.5</td><td>14.1</td><td>16.2</td><td>35.7</td><td>492</td></tr> <tr><td>100</td><td>12.0</td><td>21.0</td><td>32.3</td><td>491</td></tr> </tbody> </table>	Frequency (MHz)	RL	ATT	NEXT	Phase DELAY	≥dB	≤dB	≥dB	≤ns	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
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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		<table border="1"> <thead> <tr> <th rowspan="2">Frequency (MHz)</th> <th>PSNEXT</th> <th>ELFEXT</th> <th>PSELFEXT</th> </tr> <tr> <th>≥dB</th> <th>≥dB</th> <th>≥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)	PSNEXT	ELFEXT	PSELFEXT	≥dB	≥dB	≥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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Carton dimension	Per request																																																														
Packing length	305±1.5m/80±0.5m																																																														
Rip-cord	Yes	Drain wire	No																																																												
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Electrical Characteristics (20°C)	1.0-100.0MHz	Impedance(Ω)	100±15																																																												
	1.0-100.0MHz	Delay Shew (ns/100m)	≤45																																																												
	DC Resistance(Ω/100m) max		14.8																																																												
	DC Conductor Resistance Unbalance(%) max		5.0																																																												
Ambient temperature: -20°C - 70°C																																																															