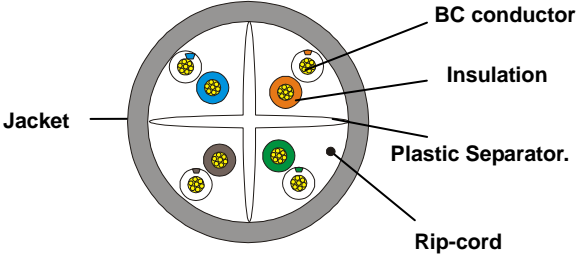


PATCH U/UTP 4 pairs cable - category 6- CM PVC Sheath

Content of the Data Sheet

Sheath Printing	iCSi ETL VERIFIED ANSI/TIA-568.2-D CATEGORY 6 UTP 75 °C STRANDED E335370 (UL) CM 4 PAIR 24AWG RoHS COMPLIANT V002 Meter Marking DD/MM/YY(production date)																																																																																																																													
Customer No.	CAT6-3-XXX-ZB-ICSI-CM-24 XXX= Color BLU=Blue,YLW=Yellow, GRY= Gray, RED=Red																																																																																																																													
Category	PATCH U-UTP CAT6-4P-PVC-CM																																																																																																																													
Reference Standard	ISO/IEC11801、ANSI/TIA-568.2-D																																																																																																																													
1. Conductor	Material	Stranded-Bare Copper																																																																																																																												
	Nom. O.D. (mm)	24AWG(7/0.20)																																																																																																																												
2. Insulation	Material	HDPE																																																																																																																												
	Diameter	0.98±0.05mm																																																																																																																												
Color	A.Blue, White-Blue	B.Orange,White-Orange																																																																																																																												
	C.Green,White-Green	D.Brown, White-Brown																																																																																																																												
3. Rip-cord	Yes	Drain wire	N/A																																																																																																																											
4. Shielded	N/A																																																																																																																													
5. Sheath	Thickness	0.55±0.05 mm																																																																																																																												
	External O.D.	6.1±0.4 mm																																																																																																																												
	Surface	Clean,Frap,Satiation																																																																																																																												
	Material	PVC(complies RoHS),CM																																																																																																																												
	Color	Blue: RAL5015 Yellow: RAL1018 Gray: RAL7044 Red: RAL3000																																																																																																																												
Surface Printing	Letter height	3.0±0.3mm																																																																																																																												
	Color	Black																																																																																																																												
	Print error & Space	≤±0.5%, 1m																																																																																																																												
Packing	Wooden Tray & Carton																																																																																																																													
Carton dimension	According to the requires																																																																																																																													
Packing length	305±1.5m																																																																																																																													
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥13.5																																																																																																																											
		Elongation (%)	≥150																																																																																																																											
	Aging Period (°C xhrs)	100°C x24h x7d																																																																																																																												
	After Aging	Tensile Strength (Mpa)	≥12.5																																																																																																																											
	Elongation (%)	≥125																																																																																																																												
	Cold bend (-20±2°C x4h)	No visible cracks																																																																																																																												
Electrical Characteristics (20°C)	1.0-250.0MHz, Characteristic impedance (Ω)	100±15																																																																																																																												
	DC Conductor Resistance Unbalance (%)max	5.0																																																																																																																												
	1.0-250.0MHz, Delay Skew 20°C (ns/100m)	≤45																																																																																																																												
	DC Resistance 20°C(Ω/100m) max	9.38																																																																																																																												
<table border="1"> <thead> <tr> <th colspan="5">Technical Performance :</th> </tr> <tr> <th>Frequency (MHz)</th> <th>RL (dB)</th> <th>ATT (dB)</th> <th>NEXT (dB)</th> <th>DELAY (ns)</th> </tr> </thead> <tbody> <tr><td>1</td><td>20.0</td><td>2.4</td><td>74.3</td><td>570.0</td></tr> <tr><td>4.0</td><td>23.0</td><td>4.6</td><td>65.3</td><td>552.0</td></tr> <tr><td>8.0</td><td>24.5</td><td>6.4</td><td>60.8</td><td>546.7</td></tr> <tr><td>10.0</td><td>25.0</td><td>7.2</td><td>59.3</td><td>545.4</td></tr> <tr><td>16.0</td><td>25.0</td><td>7.5</td><td>56.2</td><td>543.0</td></tr> <tr><td>20.0</td><td>25.0</td><td>9.1</td><td>54.8</td><td>542.1</td></tr> <tr><td>25.0</td><td>24.3</td><td>11.4</td><td>53.3</td><td>541.2</td></tr> <tr><td>31.25</td><td>23.6</td><td>12.9</td><td>51.9</td><td>540.4</td></tr> <tr><td>62.5</td><td>21.5</td><td>18.5</td><td>47.4</td><td>538.6</td></tr> <tr><td>100</td><td>20.7</td><td>23.8</td><td>44.3</td><td>537.6</td></tr> <tr><td>200</td><td>16.4</td><td>34.7</td><td>39.8</td><td>536.5</td></tr> <tr><td>250</td><td>15.6</td><td>39.3</td><td>38.3</td><td>536.3</td></tr> </tbody> </table> <table border="1"> <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>72.3</td><td>67.8</td><td>64.8</td></tr> <tr><td>4</td><td>63.3</td><td>55.8</td><td>52.8</td></tr> <tr><td>8</td><td>58.8</td><td>49.7</td><td>46.7</td></tr> <tr><td>10</td><td>57.3</td><td>47.8</td><td>44.8</td></tr> <tr><td>16</td><td>54.2</td><td>43.7</td><td>40.7</td></tr> <tr><td>20</td><td>52.8</td><td>41.8</td><td>38.8</td></tr> <tr><td>25</td><td>51.3</td><td>39.8</td><td>36.8</td></tr> <tr><td>31.25</td><td>49.9</td><td>37.9</td><td>34.9</td></tr> <tr><td>62.5</td><td>45.4</td><td>31.9</td><td>28.9</td></tr> <tr><td>100</td><td>42.3</td><td>27.8</td><td>24.8</td></tr> <tr><td>200</td><td>37.8</td><td>21.8</td><td>18.8</td></tr> <tr><td>250</td><td>36.3</td><td>19.8</td><td>16.8</td></tr> </tbody> </table>					Technical Performance :					Frequency (MHz)	RL (dB)	ATT (dB)	NEXT (dB)	DELAY (ns)	1	20.0	2.4	74.3	570.0	4.0	23.0	4.6	65.3	552.0	8.0	24.5	6.4	60.8	546.7	10.0	25.0	7.2	59.3	545.4	16.0	25.0	7.5	56.2	543.0	20.0	25.0	9.1	54.8	542.1	25.0	24.3	11.4	53.3	541.2	31.25	23.6	12.9	51.9	540.4	62.5	21.5	18.5	47.4	538.6	100	20.7	23.8	44.3	537.6	200	16.4	34.7	39.8	536.5	250	15.6	39.3	38.3	536.3	Frequency (MHz)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	1	72.3	67.8	64.8	4	63.3	55.8	52.8	8	58.8	49.7	46.7	10	57.3	47.8	44.8	16	54.2	43.7	40.7	20	52.8	41.8	38.8	25	51.3	39.8	36.8	31.25	49.9	37.9	34.9	62.5	45.4	31.9	28.9	100	42.3	27.8	24.8	200	37.8	21.8	18.8	250	36.3	19.8	16.8
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