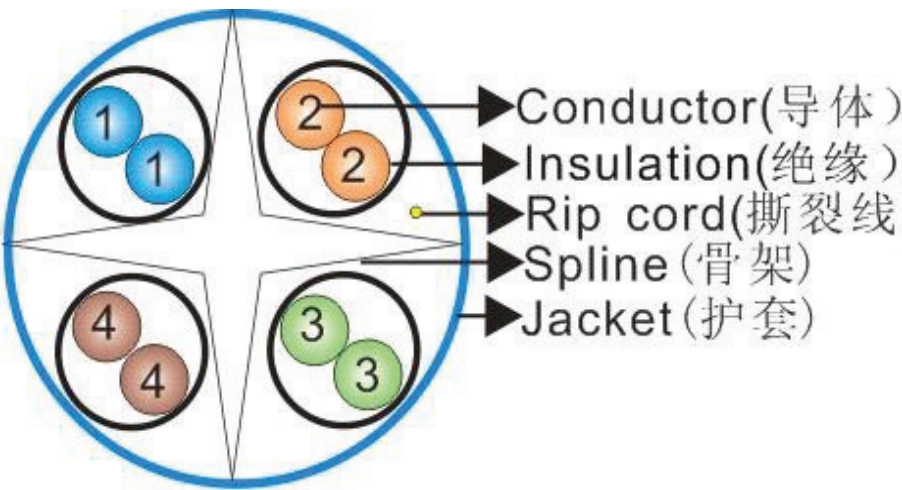


RoHS COMPLIANT					REVISION INFORMATION <table> <tr> <th>Rev.</th> <th>Rev. Date</th> <th>Brief Description</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>			Rev.	Rev. Date	Brief Description																																																																																																																									
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CONSTRUCTION 1. Conductor: 0.575±0.01mm Material:Soft annealed bare copper wire 2. Insulation: HDPE(high-density polyethylene) Nominal wall: 0.215mm Diameter: 1.01±0.05mm 3. Filler 4. Rip cord under the sheath 5. Jacket: FR-PVC Min thickness: 0.43mm Outer diameter: 6.5±0.50 mm					CAT 6A UTP CMR Electrical Characteristics <table> <tr> <th rowspan="3">.ITEM MHz</th> <th>ATT</th> <th>NEXT</th> <th>RL</th> <th>PS- NEXT</th> <th>ELFEXT</th> <th>PSELFEXT</th> </tr> <tr> <th>dB/100m</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> <th>dB</th> </tr> <tr> <th>Max.</th> <th>Min.</th> <th>Min.</th> <th>Min.</th> <th>Min.</th> <th>Min.</th> </tr> <tr><td>1</td><td>2.1</td><td>74.3</td><td>20.0</td><td>72.3</td><td>67.8</td><td>64.8</td></tr> <tr><td>4</td><td>3.8</td><td>65.3</td><td>23.0</td><td>63.3</td><td>55.8</td><td>52.8</td></tr> <tr><td>8</td><td>5.3</td><td>60.8</td><td>24.5</td><td>58.8</td><td>49.7</td><td>46.7</td></tr> <tr><td>10</td><td>5.9</td><td>59.3</td><td>25.0</td><td>57.3</td><td>47.8</td><td>44.8</td></tr> <tr><td>16</td><td>7.5</td><td>56.2</td><td>25.0</td><td>54.2</td><td>43.7</td><td>40.7</td></tr> <tr><td>20</td><td>8.4</td><td>54.8</td><td>25.0</td><td>52.8</td><td>41.8</td><td>38.8</td></tr> <tr><td>25</td><td>9.4</td><td>53.3</td><td>24.3</td><td>51.3</td><td>39.8</td><td>36.8</td></tr> <tr><td>31.25</td><td>10.5</td><td>51.9</td><td>23.6</td><td>49.9</td><td>37.9</td><td>34.9</td></tr> <tr><td>62.5</td><td>15.0</td><td>47.4</td><td>21.5</td><td>45.4</td><td>31.9</td><td>28.9</td></tr> <tr><td>100</td><td>19.1</td><td>44.3</td><td>20.1</td><td>42.3</td><td>27.8</td><td>24.8</td></tr> <tr><td>200</td><td>27.6</td><td>39.8</td><td>18.0</td><td>37.8</td><td>21.8</td><td>18.8</td></tr> <tr><td>250</td><td>31.1</td><td>38.3</td><td>17.3</td><td>36.3</td><td>19.8</td><td>16.8</td></tr> <tr><td>300</td><td>34.3</td><td>37.1</td><td>16.8</td><td>35.1</td><td>18.3</td><td>15.3</td></tr> <tr><td>400</td><td>40.1</td><td>35.3</td><td>15.9</td><td>33.3</td><td>15.8</td><td>12.8</td></tr> <tr><td>500</td><td>45.3</td><td>34.8</td><td>15.2</td><td>31.8</td><td>13.8</td><td>10.8</td></tr> </table> NOTE : Spread out 100m cable and test it “ Conductor resistance at 20 : ≤93.8 Ω/km “ Unbalance conductor DC resistance : ≤5% “ Mutual capacitance: ≤56nF/km “ Pair to ground capacitance unbalance≤330pF/100m “ Insulation resistance≥5000MΩKm(DC500V Charge 1 minute) Mechanical Characteristics “ Storage Temperature ranng : -15 to 75 “ Installation Temperature ranng : 0 to 60 “ Maximum Pulling Force : 25lbs “ Min bend radius (install) : 65mm			.ITEM MHz	ATT	NEXT	RL	PS- NEXT	ELFEXT	PSELFEXT	dB/100m	dB	dB	dB	dB	dB	Max.	Min.	Min.	Min.	Min.	Min.	1	2.1	74.3	20.0	72.3	67.8	64.8	4	3.8	65.3	23.0	63.3	55.8	52.8	8	5.3	60.8	24.5	58.8	49.7	46.7	10	5.9	59.3	25.0	57.3	47.8	44.8	16	7.5	56.2	25.0	54.2	43.7	40.7	20	8.4	54.8	25.0	52.8	41.8	38.8	25	9.4	53.3	24.3	51.3	39.8	36.8	31.25	10.5	51.9	23.6	49.9	37.9	34.9	62.5	15.0	47.4	21.5	45.4	31.9	28.9	100	19.1	44.3	20.1	42.3	27.8	24.8	200	27.6	39.8	18.0	37.8	21.8	18.8	250	31.1	38.3	17.3	36.3	19.8	16.8	300	34.3	37.1	16.8	35.1	18.3	15.3	400	40.1	35.3	15.9	33.3	15.8	12.8	500	45.3	34.8	15.2	31.8	13.8	10.8
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CONSTRUCTION

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3. Filler
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under the sheath
5. Jacket: FR-PVC
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Outer diameter: 6.5±0.50 mm



Color code

Pair	Color	Pair	Color
1	White/Blue + Blue	3	White/Green + Green
2	White/Orange +	4	White/Brown + Brown



DESCRIPTION :
Monoprice™ 1000ft Cat6A Ethernet Cable, UTP, 23AWG, 10G, Pure Copper, CMR-Rated, White, Bulk Spool

PID # : 18601

DATE :

UNIT :

FILE NAME: