TIA/EIA-568-B.2-1: Patch Cable (Stranded Conductor), 24 AWG x 4P

1. Conductor: Stranded Bare Copper (7 x 32 AWG)
2. Insulation: HDPE (CMI-75E)
   Nominal Wall Thickness: 0.178mm
   Min. Thickness: 0.153mm
3. Color Code:
   Pair 1: Blue & White/Blue
   Pair 2: Orange & White/Orange
   Pair 3: Green & White/Green Pair
   4: Brown & White/Brown
4. Jacket (Grey): 75°C LSZH Compound
   Nominal Wall Thickness: 0.585mm
   Min. Thickness: 0.458mm
   Overall Diameter: 5.8mm ± 0.3mm
5. Electric Requirements:
   (Cable length: 100m)
   Characteristic Impedance (Zo): 85~115Ω (1~250 MHz)
   DC. Resistance Capacitance Unbalance: 5%
   Pair-to-Ground Capacitance Unbalance: 330 pF/100m Max.
   Conductor Resistance: 14.00Ω/100m 20°C Max.
   Mutual Capacitance: 5.6nF/m Max.
   Spark Test: 2.5kV
   Nominal Velocity of Propagation (NVP): 69%

RoHS Compliant

<table>
<thead>
<tr>
<th>Frequency MHz</th>
<th>Att. Stranded</th>
<th>Pr-Pr NEXT</th>
<th>PS NEXT</th>
<th>Prop. Delay ns</th>
<th>Delay Skew ns</th>
<th>Return Loss</th>
<th>Pr-Pr ELFEXT</th>
<th>PS ELFEXT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.4</td>
<td>74.3</td>
<td>72.3</td>
<td>538.5</td>
<td>45</td>
<td>20.0</td>
<td>67.8</td>
<td>64.8</td>
</tr>
<tr>
<td>10</td>
<td>7.1</td>
<td>59.3</td>
<td>57.3</td>
<td>545.0</td>
<td>45</td>
<td>25.0</td>
<td>47.8</td>
<td>44.8</td>
</tr>
<tr>
<td>20</td>
<td>10.2</td>
<td>54.8</td>
<td>52.8</td>
<td>539.9</td>
<td>45</td>
<td>25.0</td>
<td>41.8</td>
<td>38.8</td>
</tr>
<tr>
<td>31.25</td>
<td>12.8</td>
<td>51.9</td>
<td>49.9</td>
<td>540.2</td>
<td>45</td>
<td>23.3</td>
<td>37.9</td>
<td>34.9</td>
</tr>
<tr>
<td>62.5</td>
<td>18.5</td>
<td>47.4</td>
<td>45.4</td>
<td>540.8</td>
<td>45</td>
<td>20.7</td>
<td>31.9</td>
<td>28.9</td>
</tr>
<tr>
<td>100</td>
<td>23.8</td>
<td>44.3</td>
<td>42.3</td>
<td>541.4</td>
<td>45</td>
<td>19.0</td>
<td>27.8</td>
<td>24.8</td>
</tr>
<tr>
<td>200</td>
<td>34.8</td>
<td>39.8</td>
<td>37.8</td>
<td>542.5</td>
<td>45</td>
<td>16.4</td>
<td>21.8</td>
<td>18.8</td>
</tr>
<tr>
<td>250</td>
<td>39.4</td>
<td>38.3</td>
<td>36.3</td>
<td>543.0</td>
<td>45</td>
<td>15.6</td>
<td>19.8</td>
<td>16.8</td>
</tr>
</tbody>
</table>