Category 5e
350 MHz
Plenum

ETL verified for guaranteed performance
Made in the USA

Part No.: 5BE244UTP/350

Applications
Supports all category 5 applications including Ethernet 100BASE-TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth applications such as 622 ATM, Wideband, and Ethernet 1000BASE-T

Construction Details:
No. 24 AWG solid bare copper conductor insulated with FEP. Two colored mated insulated conductors twisted together to form a pair and four pairs assembled to form a core. The core is jacketed with a low smoke, flame retardant PVC.

Color Code:
<table>
<thead>
<tr>
<th>Pair</th>
<th>Color Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Blue with White</td>
</tr>
<tr>
<td>2</td>
<td>Orange with White</td>
</tr>
<tr>
<td>3</td>
<td>Green with White</td>
</tr>
<tr>
<td>4</td>
<td>Brown with White</td>
</tr>
</tbody>
</table>

Electrical Parameters:
- Mutual Capacitance: 14 pF/ft nominal
- Capacitance Unbalance: 330 pF/ft maximum
- Velocity of Propagation: 72%
- Max. Conductor D.C.R.: 28.6 ohm/1000 feet
- Max. DCR Unbalance: 5%
- Max. Delay Skew: 45.0ns/100m
- Characteristic Impedance: from 0.772 - 100 MHz 100 ± 15%
- from 101 - 250 MHz 100 ± 22%
- from 251 - 350 MHz 100 ± 32%

Technical Details
Temperature Rating
- Installation: -0°C to 50°C
- Operation: -2°C to 60°C
- Nominal Diameter: 0.185 in.
- Nominal Cable Weight: 22 lbs/1,000 feet

Standards
- ANSI/TIA/EIA 568C.2 Category 5e
- ISO/IEC 11801 Category 5e
- National Electric Code – Article 800
- UL Standard 444

Codes & Listings
- CMP Rating FT6
- ETL Electrically Verified to ANSI/TIA/EIA 568C.2 Category 5e
- C(ETL)US CMP

Made in the USA

All warranty information can be viewed at WWW.REMEE.COM.

This product is RoHS compliant to directive 2002/95/EC.

1751 State RTE. 17A STE #1 Florida, NY 10921
Customer Service: 800-431-3864 Fax: 845-651-4160 Website: www.remee.com
Preparation For Shipment

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.

### Electrical Characteristics:

<table>
<thead>
<tr>
<th>Frequency MHz</th>
<th>SRL (dB)</th>
<th>Return Loss (dB)</th>
<th>Attenuation (dB)</th>
<th>NEXT (dB)</th>
<th>PS-NEXT (dB)</th>
<th>ELFEXT (dB)</th>
<th>PS-ELFEXT (dB)</th>
<th>ACR (dB)</th>
<th>PS-ACR (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Minimum</td>
<td>23.0</td>
<td>Minimum</td>
<td>20.0</td>
<td>2.0</td>
<td>65.3</td>
<td>62.3</td>
<td>63.8</td>
<td>60.8</td>
</tr>
<tr>
<td>4</td>
<td>Minimum</td>
<td>23.0</td>
<td>Minimum</td>
<td>20.3</td>
<td>4.0</td>
<td>56.3</td>
<td>53.3</td>
<td>51.7</td>
<td>48.7</td>
</tr>
<tr>
<td>8</td>
<td>Minimum</td>
<td>23.0</td>
<td>Minimum</td>
<td>20.5</td>
<td>5.7</td>
<td>51.8</td>
<td>48.8</td>
<td>45.7</td>
<td>42.7</td>
</tr>
<tr>
<td>10</td>
<td>Minimum</td>
<td>23.0</td>
<td>Minimum</td>
<td>25.0</td>
<td>6.4</td>
<td>50.3</td>
<td>47.3</td>
<td>43.8</td>
<td>40.8</td>
</tr>
<tr>
<td>16</td>
<td>Minimum</td>
<td>23.0</td>
<td>Minimum</td>
<td>25.0</td>
<td>8.2</td>
<td>47.3</td>
<td>44.3</td>
<td>39.7</td>
<td>36.7</td>
</tr>
<tr>
<td>20</td>
<td>Minimum</td>
<td>23.0</td>
<td>Minimum</td>
<td>25.0</td>
<td>9.2</td>
<td>45.8</td>
<td>42.8</td>
<td>37.7</td>
<td>34.7</td>
</tr>
<tr>
<td>25</td>
<td>Minimum</td>
<td>22.0</td>
<td>Minimum</td>
<td>25.0</td>
<td>10.4</td>
<td>44.3</td>
<td>41.3</td>
<td>35.8</td>
<td>32.8</td>
</tr>
<tr>
<td>31.25</td>
<td>Minimum</td>
<td>21.1</td>
<td>Minimum</td>
<td>23.6</td>
<td>11.7</td>
<td>42.9</td>
<td>39.9</td>
<td>33.9</td>
<td>30.9</td>
</tr>
<tr>
<td>62.5</td>
<td>Minimum</td>
<td>18.1</td>
<td>Minimum</td>
<td>21.5</td>
<td>16.9</td>
<td>38.4</td>
<td>35.4</td>
<td>27.8</td>
<td>24.8</td>
</tr>
<tr>
<td>100</td>
<td>Minimum</td>
<td>16.0</td>
<td>Minimum</td>
<td>20.1</td>
<td>21.9</td>
<td>35.3</td>
<td>32.3</td>
<td>23.8</td>
<td>20.8</td>
</tr>
<tr>
<td>250</td>
<td>Minimum</td>
<td>12.0</td>
<td>Minimum</td>
<td>17.3</td>
<td>36.8</td>
<td>34.3</td>
<td>32.3</td>
<td>15.8</td>
<td>12.8</td>
</tr>
<tr>
<td>300</td>
<td>Minimum</td>
<td>11.2</td>
<td>Minimum</td>
<td>16.8</td>
<td>40.9</td>
<td>33.2</td>
<td>31.2</td>
<td>14.2</td>
<td>11.1</td>
</tr>
<tr>
<td>350</td>
<td>Minimum</td>
<td>10.6</td>
<td>Minimum</td>
<td>16.3</td>
<td>44.8</td>
<td>32.2</td>
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Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: __________________________
Company: __________________________
Date: __________________________

All warranty information can be viewed at www.remee.com.