Part No.: 6B234STPENH

Applications
Supports all category 6 applications including Ethernet 100BASE-TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth applications such as 622 ATM, Wideband, Ethernet 1000BASE-T and emerging applications with anticipated data rates to 3.2 Gbps.

Construction Details:
No. 23 AWG solid bare copper conductor insulated with FEP. Two colored mated insulated conductors twisted together to form a pair and four pairs assembled around a pair separator to form a core. The core is overall shielded and jacketed with a low smoke flame retardant PVC.
Surface Print: ETL VERIFIED CAT6 TO TIA-568C.2..3122598 CMP 23AWG 4STP C(ETL)US 550 MHZ FT6 MADE IN USA

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/100m maximum
- Velocity of Propagation: 72%
- Max. Conductor D.C.R.: 28.6 ohm/1,000 feet
- Max. DCR Unbalance: 5%
- Max. Delay Skew: 45.0 ns/100m
- Characteristic Impedance: from 0.772 - 100 MHz 100 ± 15%
  from 101 - 250 MHz 100 ± 22%
  from 251 - 550 MHz 100 ± 32%

Technical Details
Temperature Rating
- Installation: -0°C to 50°C
- Operation: -2°C to 60°C

Nominal Diameter: 0.280 in.
Nominal Cable Weight: 40 lbs/1,000 feet

Standards
- ANSI/TIA/EIA 568C.2 Category 6
- National Electric Code – Article 800
- UL Subject 444

Codes & Listings
- CMP Rating FT6
- ETL Electrically Verified to ANSI/TIA/EIA 568C.2 Category 6
- C(ETL)US CMP

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.

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Part No.: 6B234STPENH

**Electrical Characteristics:**

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Return Loss (dB)</th>
<th>Attenuation (dB(100m))</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>
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<tbody>
<tr>
<td>1</td>
<td>20.0</td>
<td>2.0</td>
<td>80.3</td>
<td>78.3</td>
<td>73.8</td>
<td>70.8</td>
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<td>76.3</td>
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<td>23.0</td>
<td>3.8</td>
<td>71.3</td>
<td>69.3</td>
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<td>58.8</td>
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<td>25.0</td>
<td>6.0</td>
<td>65.3</td>
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<tr>
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<td>37.5</td>
<td>18.9</td>
<td>15.9</td>
<td>- - -</td>
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</tbody>
</table>

*Values above 250 MHz are for engineering information only

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Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order. The Remee Wire & Cable warranty is an integral part of this specification. This item may be non-cancelable and non-returnable.

Signature:  

Company:  

Date:  

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