1.32 mm Mini-Coax

Construction

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inner conductor</td>
<td>Silver plated annealed copper</td>
<td>7 x 0.08 mm</td>
</tr>
<tr>
<td>Dielectric</td>
<td>PFA</td>
<td>Φ0.66 mm</td>
</tr>
<tr>
<td>Outer conductor</td>
<td>Silver plated annealed copper</td>
<td>0.05 mm</td>
</tr>
<tr>
<td>Shield coverage</td>
<td></td>
<td>91-93%</td>
</tr>
<tr>
<td>Sheath</td>
<td>PFA</td>
<td>Φ1.32 mm</td>
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</tbody>
</table>

Electrical & Mechanical Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Impedance</td>
<td>50±3 Ohm</td>
</tr>
<tr>
<td>Nominal capacitance</td>
<td>100 pF/m</td>
</tr>
<tr>
<td>Velocity of propagation</td>
<td>70%</td>
</tr>
<tr>
<td>Insulation resistance</td>
<td>- Mohm.Km</td>
</tr>
<tr>
<td>Inner conductor resistance</td>
<td>- Ohm/Km</td>
</tr>
<tr>
<td>Outer conductor resistance</td>
<td>- Ohm/Km</td>
</tr>
<tr>
<td>Operating temperature range</td>
<td>-55°C - +180 °C</td>
</tr>
<tr>
<td>Test insulation voltage</td>
<td>1000V</td>
</tr>
</tbody>
</table>

Attenuation

<table>
<thead>
<tr>
<th>Frequency (MHz)</th>
<th>Attenuation (dB/100 m)</th>
<th>Max. Attenuation(dB/100ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>230</td>
<td>70.1</td>
</tr>
<tr>
<td>2000</td>
<td>330</td>
<td>100.6</td>
</tr>
<tr>
<td>3000</td>
<td>400</td>
<td>121.9</td>
</tr>
<tr>
<td>4000</td>
<td>460</td>
<td>140.2</td>
</tr>
<tr>
<td>5000</td>
<td>510</td>
<td>155.4</td>
</tr>
<tr>
<td>6000</td>
<td>560</td>
<td>170.7</td>
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