Cable Part Number: CSVA2 (DC ~ 33 GHz for 5G Network)

Construction:

<table>
<thead>
<tr>
<th>Part</th>
<th>Material</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Center Conductor</td>
<td>Silver Plated Copper [Stranded]</td>
<td>Φ 19 / 0.225 [mm]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Φ 19 / 0.0088 [inch]</td>
</tr>
<tr>
<td>2 Dielectric</td>
<td>Aeroflon® [Extruded]</td>
<td></td>
</tr>
<tr>
<td>3 1st / 2nd Shield</td>
<td>Silver Plated Copper</td>
<td></td>
</tr>
<tr>
<td>4 Jacket</td>
<td>Ruggedized Aramid Yarn</td>
<td>Φ 5.80 ± 0.1 [mm]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Φ 0.228 ± 0.003 [inch]</td>
</tr>
</tbody>
</table>

Electrical & Mechanical specifications:

- Characteristic Impedance: 50 ± 1 Ω
- Operating Frequency: DC to 33 GHz
- Temperature: -50 °C ~ +135 °C
- Velocity of Propagation: 77% nominal
- Minimum Bend Radius: 25 mm / 0.98 inch
- Weight [g/m]: 62
- Shielding Effectiveness: <-90 dB
- Phase Stability vs. Flexure: 10° max. @33GHz
- Loss Stability vs. Flexure: Δ 0.1dB to 33GHz
- Available Connector: HF SMA

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Frequency [dB/m]</td>
<td>[dB/FT]</td>
</tr>
<tr>
<td>1 GHz</td>
<td>-0.33</td>
</tr>
<tr>
<td>3 GHz</td>
<td>-0.56</td>
</tr>
<tr>
<td>6 GHz</td>
<td>-0.75</td>
</tr>
<tr>
<td>12 GHz</td>
<td>-1.07</td>
</tr>
<tr>
<td>18 GHz</td>
<td>-1.40</td>
</tr>
<tr>
<td>28 GHz</td>
<td>-1.79</td>
</tr>
<tr>
<td>33 GHz</td>
<td>-2.00</td>
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</tbody>
</table>