Re-Formable Semirigid Cable Assemblies, Between
Connectors: 1.85 mm, 2.4 mm, 2.92 mm, and SMPM

DESCRIPTION
The Re-Formable Semirigid Cable Assemblies, Between, are up to 65 GHz and easy to install with bending by hand at your lab/site. They are designed for broadband measurement, instrument, and system applications. All materials are "lead free".

*SMPM: conforms to MIL-STD-348A 328.1

SPECIFICATIONS
CABLE PROPERTIES

<table>
<thead>
<tr>
<th>Connector Interface</th>
<th>Frequency Range</th>
<th>Return Loss</th>
<th>Insertion Loss</th>
<th>Temperature Range</th>
<th>Length (L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA185F119SMPM</td>
<td>DC-65 GHz</td>
<td>&lt; 13 GHz &gt; 22 dB</td>
<td>13-48 GHz &gt; 16 dB</td>
<td>48-65 GHz &gt; 12 dB</td>
<td>See Fig. 1</td>
</tr>
<tr>
<td>CA185M119SMPM</td>
<td>DC-50 GHz</td>
<td>&lt; 13 GHz &gt; 22 dB</td>
<td>13-38 GHz &gt; 16 dB</td>
<td>38-50 GHz &gt; 13 dB</td>
<td>25 to 300 mm</td>
</tr>
<tr>
<td>CA240F119SMPM</td>
<td>DC-40 GHz</td>
<td>&lt; 13 GHz &gt; 22 dB</td>
<td>13-35 GHz &gt; 16 dB</td>
<td>35-40 GHz &gt; 13 dB</td>
<td>Over 300 mm</td>
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<tr>
<td>CA292F119SMPM</td>
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<td>CA292M119SMPM</td>
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Electrical:
See below table.

CABLE PROPERTIES

- Outer Conductor: 1.19 mm Diameter Copper with Cu/Sn/Zn Plated
- Center Conductor: Silver Plated Copper
- Insulator: PTFE
- Moding Frequency: 111 GHz (Approx.)
- Delay Time: 0.476 ns/100 mm
- Inside Bending Radius: 3 mm (min)

"Non-Magnetic"

Production Status
2 Weeks Lead-Time for Shipping

Specifications Subject to Change Without Notice
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Connecting the cable assembly, please support the section of the cable close to the connector with your fingers before tightening the nut. This cable is composed of a thin copper tube and could be easily damaged by applying a twist stress.

---CAUTION---
When you install the cable assembly, please support the section of the cable close to the connector with your fingers before tightening the nut. This cable is composed of a thin copper tube and could be easily damaged by applying a twist stress.

Fig.1 Frequency vs Insertion Loss
Fig.2 Tightening the Nut

4mm (Approx.)

CAUTION: Bending of the cable using hand Bender 1200

In order to prevent any damage in the joint part of the cable and the connector, please bend the cable about 4 mm away from the joint part.

Hand Bender 1200
for Re-Forming (RG3/6 mm)

RolHS Compliant
REACH Compliant