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

DESCRIPTION
The Re-Formable Semirigid Cable Assemblies, Between, up to 65 GHz, easy to install with bending on your Labs./Sites, are designed for broadband measurement, instrument and system use. All materials are "lead free".

SPECIFICATIONS:
- Insertion Loss: See Fig.1
- Return Loss: See following table
- Phase match: Available (+/- 2 ps or +/- 1 ps)
- Temperature Range: -55 to 100 deg.C
- Connector durability: >100 cycles [Predicted for SMPM]
- Length (L): 25 to 800 mm +/-2mm [*]
- (Over 801mm to 1500mm, Considerable)
- Bending: On request

[ ] Please specify length(L: mmm see following table), when you order this item.
For example: CA185F119SMPM0025 (Length: 25 mm)

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>TYPE</th>
<th>Connectors</th>
<th>Return Loss</th>
<th>Typical performance, including Coaxial adapters for SMPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC - 65GHz</td>
<td>CA185F119SMPM</td>
<td>1.85 mm Female and SMPM Female</td>
<td>&gt;22 dB, &lt;13 GHz</td>
<td>6x CA185F119SMPM0050 (Blue)</td>
</tr>
<tr>
<td></td>
<td>CA185M119SMPM</td>
<td>1.85 mm Male and SMPM Female</td>
<td>&gt;16 dB, 13 to 48 GHz</td>
<td>6x CA185M119SMPM0050 (Orange)</td>
</tr>
<tr>
<td>DC - 50GHz</td>
<td>CA240F119SMPM</td>
<td>2.40 mm Female and SMPM Female</td>
<td>&gt;22 dB, &lt;13 GHz</td>
<td>6x CA240F119SMPM0050 (Blue)</td>
</tr>
<tr>
<td></td>
<td>CA240M119SMPM</td>
<td>2.40 mm Male and SMPM Female</td>
<td>&gt;16 dB, 13 to 38 GHz</td>
<td>6x CA240M119SMPM0050 (Orange)</td>
</tr>
<tr>
<td>DC - 40GHz</td>
<td>CA292F119SMPM</td>
<td>2.92 mm Female and SMPM Female</td>
<td>&gt;22 dB, &lt;13 GHz</td>
<td>6x CA292F119SMPM0050 (Blue)</td>
</tr>
<tr>
<td></td>
<td>CA292M119SMPM</td>
<td>2.92 mm Male and SMPM Female</td>
<td>&gt;16 dB, 13 to 35 GHz</td>
<td>6x CA292M119SMPM0050 (Orange)</td>
</tr>
</tbody>
</table>

Note: All dimensions are in Millimeters.

Cable Properties:
- Outer Conductor: 1.19 mm Dia. Copper
- Center Conductor: Silver plated copper
- Insulator: PTFE
- Moding Freq.: 111GHz (Approx.)
- Delay Time: 0.476ns/100mm
- Inside Bending Radius: 3 mm/100mm
- Non-Magnetic

Production Status
Two weeks Lead-Time will be available for shipping.

--Caution---
When you install the cable assemblies, please support a cable near the connector and tighten the nut, because the cable that composed of a thin copper tube may be damaged easily by a twist stress.

Removal Tool for SMPM

Hand Bender 1200
For Re-Forming (R3/6mm)

Notice:
About the cable bending with hand bender 1200
To prevent the cable damage in the joint part of the cable and the connector, please bend the cable in a place about 4mm away from the joint part.

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