Re-Formable Semirigid Cable Assemblies:
Connector Interface 1.85mm for DC - 60GHz,
2.4mm for DC - 50GHz, 2.92mm for DC - 40GHz

DESCRIPTION
The Re-Formable Semirigid Cable Assemblies, up to 40, 50 and 60GHz, 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
- Temperature Range: -55 to 100 deg. C
- Length (L): 35 to 300mm +/-2mm [**](5mm/step)-------Standard
  (Over 300mm to 1500mm, Considerable)
- Note: All dimensions are in Millimeters.

[**] Please specify length(L: see following table), when you order this item.
For example: CA185MM0035 (Length:35mm)

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Frequency Range</th>
<th>Return Loss</th>
<th>Connector Interfaces</th>
<th>Insertion Loss</th>
<th>Cable Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA185FF</td>
<td>DC-60GHz</td>
<td>Better than 18 dB</td>
<td>1.85mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA185MF</td>
<td>DC-60GHz</td>
<td>Better than 18 dB</td>
<td>1.85mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA185MM</td>
<td>DC-60GHz</td>
<td>Better than 18 dB</td>
<td>2.4mm</td>
<td>See Curve in Fig.1</td>
<td></td>
</tr>
<tr>
<td>CA240FF</td>
<td>DC-50GHz</td>
<td>Better than 20 dB</td>
<td>2.92mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA240MF</td>
<td>DC-50GHz</td>
<td>Better than 20 dB</td>
<td>2.92mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA292FF</td>
<td>DC-40GHz</td>
<td>Better than 20 dB</td>
<td>2.92mm</td>
<td></td>
<td></td>
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<tr>
<td>CA292MF</td>
<td>DC-40GHz</td>
<td>Better than 20 dB</td>
<td>2.92mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Fig.2  Tightening of Nut

Connector Interface Mating Dimensions (IEEE-std-287 Conformed)

Pre-Bend (10-20deg.)
Full-Bend (90deg.)

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ISO9001:2000 Certified

Hand Bender 2200
For Re-Forming(R3.2/7mm)

Notice:
About the cable bending with hand bender 2200
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.

Fig.2 Tightening of Nut