**DESCRIPTION**

This "KPC185MF FPA" called coaxial front panel adapter that easy to mate, low SWR and low loss, are designed for frequently connect/disconnect accessed broadband measurement, instrument and system use.

**SPECIFICATIONS:**

**Electrical:**
- Frequency Range: DC - 65 GHz
- SWR: <1.3
- Insertion Loss: <0.5 dB
- Electrical Length: Below (Nominal)
- Temperature Range: -55 to +125 deg.C

**Mechanical:**
- Body: Passivated Stainless steel (*)
- Outer Conductors: Gold Plated Stainless steel
- Inner Conductors: Gold Plated Beryllium Copper
- Coupling Torque: 90 N-cm (Nominal)
- Connect/Disconnect Life: >1,000 Cycles

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

**Typical Performance**

No. of Samples: 13pcs

<table>
<thead>
<tr>
<th>SWR</th>
<th>1.00</th>
<th>1.05</th>
<th>1.10</th>
<th>1.15</th>
<th>1.20</th>
<th>1.25</th>
<th>1.30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.05</td>
<td>1.10</td>
<td>1.15</td>
<td>1.20</td>
<td>1.25</td>
<td>1.30</td>
<td>1.35</td>
</tr>
<tr>
<td>Insertion Loss (dB)</td>
<td>0.00</td>
<td>0.05</td>
<td>0.10</td>
<td>0.15</td>
<td>0.20</td>
<td>0.25</td>
<td>0.30</td>
</tr>
<tr>
<td>Electrical Length (mm)</td>
<td>31.30</td>
<td>31.80</td>
<td>32.30</td>
<td>32.80</td>
<td>33.30</td>
<td>33.80</td>
<td>34.30</td>
</tr>
</tbody>
</table>

**Interface Mating Dimensions of KPC185MF FPA (1.85mm Connectors):**

- All dimensions are in Millimeters.
- (*) The toothed lockwasher is nickel plated steel.
- Mates with 2.4mm Connectors

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