**DESCRIPTION**
These "KPC292MF, FF and MM" coaxial adapters that small size, low SWR and low loss, are designed for broadband measurement, instrument and system use.

**SPECIFICATIONS:**

**Electrical:**
- Frequency Range: DC - 40 GHz
- SWR: <1.15 (MF & MM)
- SWR: <1.20 (FF)
- Insertion Loss: <0.2 dB
- Electrical Length: 17.5 mm (Nominal)
- Temperature Range: -55 to +125 deg. C

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

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

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**TYPE: KPC292MF**
2.92mm Male/2.92mm Female

**TYPE: KPC292FF**
2.92mm Female/2.92mm Female

**TYPE: KPC292MM**
2.92mm Male/2.92mm Male

**Typical Performance**

<table>
<thead>
<tr>
<th>SWR</th>
<th>Insertion Loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>S11 FORWARD REFLECTION (dB)</td>
<td>S11 FORWARD TRANSMISSION (dB)</td>
</tr>
<tr>
<td>VSWR</td>
<td>H/C</td>
</tr>
<tr>
<td>0.01</td>
<td>0.001</td>
</tr>
<tr>
<td>0.02</td>
<td>0.01</td>
</tr>
<tr>
<td>0.03</td>
<td>0.02</td>
</tr>
</tbody>
</table>

Note: This SWR is combined with a Through-Line adapter for the calibration.

**Interface Mating Dimensions of KPC292 (2.92mm Connectors)**

Note: All dimensions are in Millimeters.