**DESCRIPTION**

This "KPC292FFHA" Hermetically Sealed 2.92mm to 2.92mm Coaxial Adapter that meets the following requirements:

- **DC to 40GHz**
- Low SWR and loss
- Hermetic RF interface between vacuum and atmosphere environment
- Small mounting space, designed for broadband devices, instrument and component testing use.

**SPECIFICATIONS:**

**Electrical:**
- Frequency Range: DC - 40 GHz
- Return Loss: >15 dB
- Insertion Loss: <0.45 dB
- Electrical Length: Below (Nominal)
- Temperature Range: -55 to +125 deg.C

**Mechanical:**
- Body and Outer Conductors: Gold Plated Stainless steel and Brass
- Inner Conductors: Gold Plated Beryllium Copper
- Inner and Outer Conductors for seal: Gold Plated Fe/Ni/Co Alloy (KOVAR)
- Gasket for flange seal: Fluorocarbon "O" Ring
- Coupling Torque: 90 N-cm (Nominal)
- Connect/Disconnect Life: >1,000 Cycles
- He leak rate: <1x10⁻¹⁰ Pam³/Sec (<1x10⁻⁹ atm cc /Sec)

**TYPE: KPC292FFHA**

2.92mm Female/2.92mm Female

**Recommended Mounting Hole and Installation**

- Single or Separated Multi Port Installation
- Spaced "13mm" Multi Port Installation

**Interface Mating Dimensions of KPC292**

(2.92mm Connectors<>)

**Typical Performance**

<table>
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<th>N: 5pcs</th>
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<tbody>
<tr>
<td>112 TRMS</td>
</tr>
<tr>
<td>L60 MHz</td>
</tr>
<tr>
<td>8.000 dB</td>
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| 121 TRMS |
| L60 MHz |
| 8.000 dB | 150 MHz |

| 122 TRMS |
| L60 MHz |
| 8.200 dB | 180 MHz |

**Production Status**

4 weeks Lead-Time will be available for shipping.