**2.92mm/1.85mm**

**DC - 40GHz, Coaxial Adapters, Between-Series**

**DESCRIPTION**

The coaxial adapters between 2.92mm and 1.85mm 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: <1.3
- Insertion Loss: <0.35 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.

**Typical Performance**

**TYPE: KPC292F185F**

2.92mm Female/1.85mm Female

- 5.5 ACROSS FLATS
- 22.03

**TYPE: KPC292M185F**

2.92mm Male/1.85mm Female

- 5.5 ACROSS FLATS
- 22.24

**TYPE: KPC292F185M**

2.92mm Female/1.85mm Male

- 5.5 ACROSS FLATS
- 20.90

**TYPE: KPC292M185M**

2.92mm Male/1.85mm Male

- 5.5 ACROSS FLATS
- 20.94

**Interface Mating Dimensions**

**KPC292 (2.92mm Connectors)**

- Female Reference Plane 1/4-36 U.N.S. -2A
- Male Reference Plane 8 HEX

**KPC185 (1.85mm Connectors)**

- Female Reference Plane M7x0.75 -6g
- Male Reference Plane M7x0.75-6H

Note:

All dimensions are in Millimeters.