Panel Adapter, In Series

1.85 mm for DC - 65 GHz, 2.92 mm for 40 GHz Coaxial Panel Adapters

**DESCRIPTION**

"KPC185FFPA and KPC292FFPA" coaxial panel adapters are 9.5 mm "D"-holed panel mountable, low SWR, and low loss. They are designed for broadband measurement, instrument, and system applications.

**SPECIFICATIONS**

**Electrical:**
- Frequency Range: DC - 65 GHz (1.85 mm), DC - 40 GHz (2.92 mm)
- SWR: < 1.3 (1.85 mm), < 1.15 (2.92 mm)
- Insertion Loss: < 0.4 dB (1.85 mm), < 0.25 dB (2.92 mm)
- Electrical Length: Shown below (Nominal)
- Temperature Range: -55 to +125 °C

**Mechanical:**
- Body: Passivated Stainless Steel (*)
- Outer Conductor: Passivated Stainless Steel (1.85 mm) (*)
- Inner Conductor: Gold Plated Stainless Steel (2.92 mm)
- Coupling Torque: 90 N-cm (Nominal)
- Connect/Disconnect Life: > 1,000 Cycles

**Production Status**
- 2 Weeks Lead-Time for Shipping

**Interface Mating Dimensions**

**KPC185 (1.85 mm Connectors <>):**
- Reference Plane: M7x0.75 -6g
- Electrical Length: 17.5 mm
- Interface Mating Dimensions: Female/Female

**KPC292 (2.92 mm Connectors):**
- Reference Plane: M7x0.75 -6g
- Electrical Length: 19.9 mm
- Interface Mating Dimensions: Female/Female

**Typical Performance**

- Note: SWR/Insertion loss are combined with a through-line adapter for calibration.

**NOTE:**
All dimensions are in millimeters.

(*)Toothed lockwasher is chromate-converted zinc-plated steel.

Specifications Subject to Change Without Notice

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