1.85 mm/1 mm
DC - 67 GHz, Coaxial Adapters, Between-Series

DESCRIPTION
"KPC185F100F, KPC185F100M, KPC185M100F, and KPC185M100M" coaxial adapters between 1.85 mm and 1.00 mm are small size, low SWR, and low loss. They are designed for broadband measurement, instrument, and system applications.

SPECIFICATIONS
Electrical:
- Frequency Range: DC - 67 GHz
- SWR: < 1.4 (1)
- Insertion Loss: < 0.6 dB (1)
- Electrical Length: 14.6 mm (Nominal)
- Temperature Range: -55 to +125 °C

Mechanical:
- Body and Outer Conductor: Gold Plated Stainless Steel
- Inner Conductor: Gold Plated Beryllium Copper and Brass
- Coupling Torque:
  - 90 N-cm for KPC185 (Nominal)
  - 45 N-cm for KPC100 (Nominal)
- Connect/Disconnect Life: > 500 Cycles (Estimate)

NOTE:
- All dimensions are in millimeters.
- (1) 1 mm ports were measured for the measurement of return and insertion loss of the adapters with 1.8 mm ports mated as an interface.

Specifications Subject to Change Without Notice

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