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

DESCRIPTION
The coaxial adapters between 1.85mm and 1.00mm that small size, low SWR and low loss, are designed for broadband measurement, instrument and system use.

SPECIFICATIONS:

Electrical:
Frequency Range: DC - 67 GHz
Return Loss: Better than 16dB (1)
Insertion Loss: <0.6 dB (1)
Electrical Length: 14.6 mm (Nominal)
Temperature Range: -55 to +125 °C

Mechanical:
Body and Outer Conductors:
-Gold Plated Stainless steel
Inner Conductors:
-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 [Predicted]

Interface Mating Dimensions

Note:
All dimensions are in Millimeters.
(1) As for the return loss and insertion loss of the adapters, 1.8mm ports are mated and 1mm ports are measured as an interface.