

# 2.4 mm/2.4 mm DC - 50 GHz, Coaxial Adapters, In-Series

## DESCRIPTION

### "KPC240MF, FF, and MM"

are small size, low SWR, and low loss coaxial adapters. They are designed for broadband measurement, instrument, and system applications.

## SPECIFICATIONS

### Electrical:

Frequency Range	DC - 50 GHz
SWR	< 1.25
Insertion Loss	< 0.3 dB
Electrical Length	17.5 mm (Nominal)
Temperature Range	-55 to +125 °C

### Mechanical:

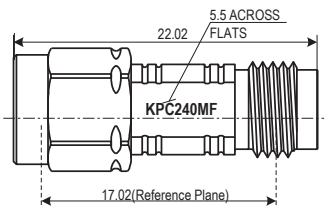
Body and Outer Conductor	Passivated Stainless Steel
Inner Conductor	Gold Plated Beryllium Copper and Brass
Coupling Torque	90 N-cm (Nominal)
Connect/Disconnect Life	> 1,000 Cycles



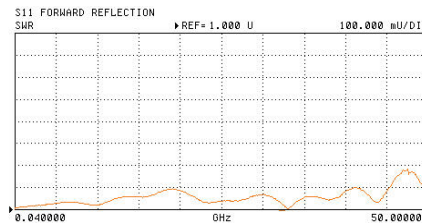
**Production Status**  
2 Weeks Lead-Time  
for Shipping

## Typical Performance

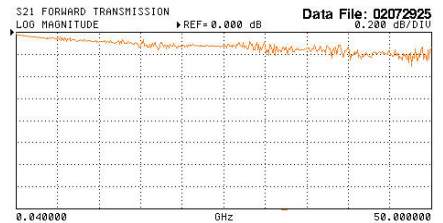
### TYPE: KPC240MF 2.4 mm Male/2.4 mm Female



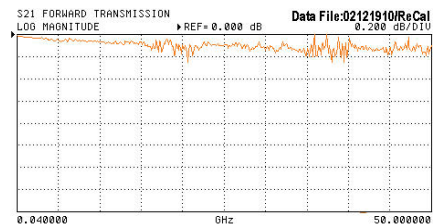
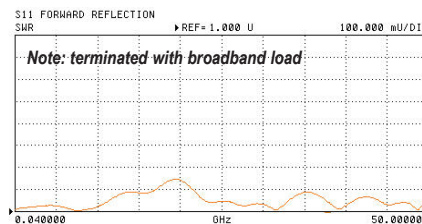
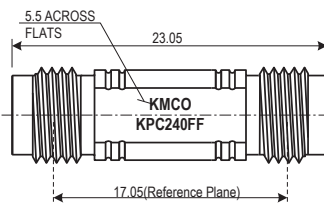
### SWR



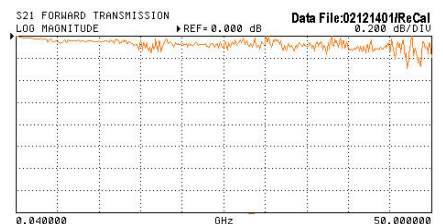
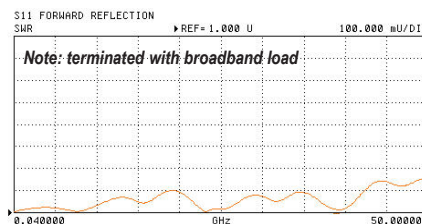
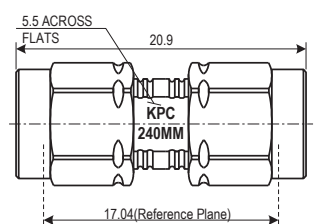
### Insertion Loss



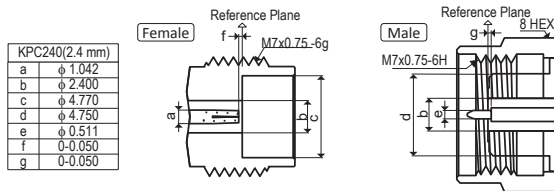
### TYPE: KPC240FF 2.4 mm Female/2.4 mm Female



### TYPE: KPC240MM 2.4 mm Male/2.4 mm Male



## Interface Mating Dimensions of KPC240 (2.4 mm Connectors <\*>)



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

**RoHS Compliant**

**REACH Compliant**

<\*> Matable with 1.85 mm connectors

Specifications Subject to Change Without Notice

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