

2.92 mm/2.92 mm DC - 40 GHz, Coaxial Adapters, In-Series

DESCRIPTION

"KPC292MF, 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 - 40 GHz
SWR	$\left\{ \begin{array}{l} < 1.15 \text{ (MF\&MM)} \\ < 1.20 \text{ (FF)} \end{array} \right.$
Insertion Loss	< 0.2 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

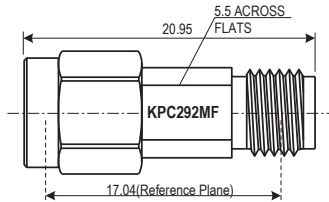


Production Status
2 Weeks Lead-Time
for Shipping

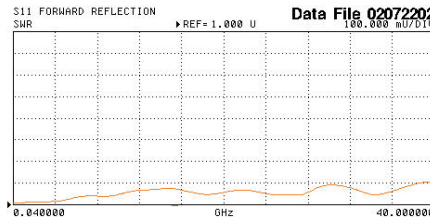
Typical Performance

TYPE: KPC292MF

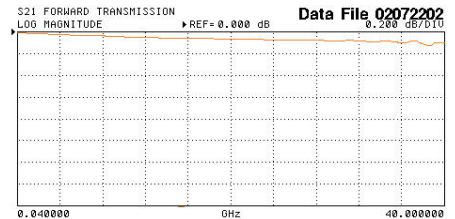
2.92 mm Male/2.92 mm Female



SWR

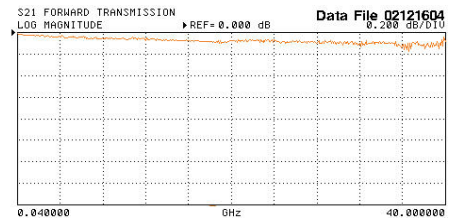
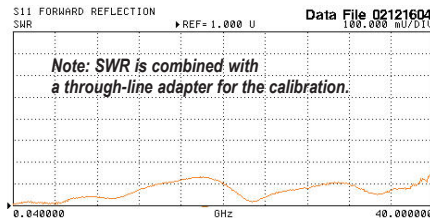
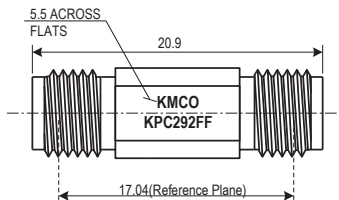


Insertion Loss



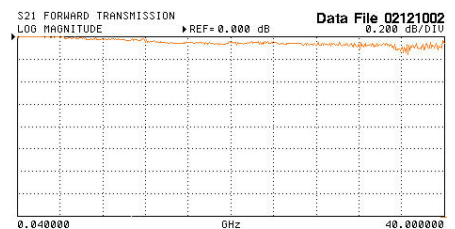
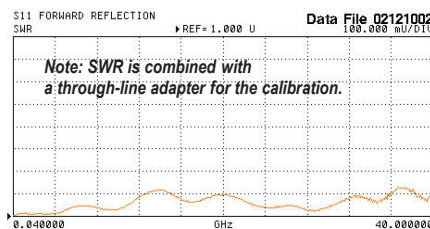
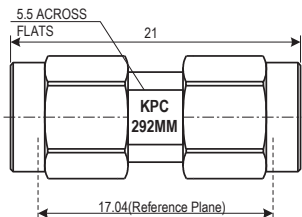
TYPE: KPC292FF

2.92 mm Female/2.92 mm Female



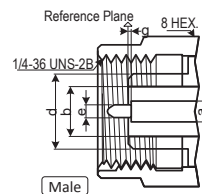
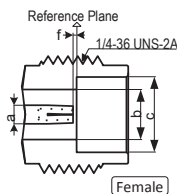
TYPE: KPC292MM

2.92 mm Male/2.92 mm Male



Interface Mating Dimensions of KPC292 (2.92 mm Connectors)

KPC292(2.92 mm)	
a	φ 1.270
b	φ 2.920
c	φ 4.840
d	φ 4.580
e	φ 0.920
f	0-0.050
g	0-0.050



RoHS Compliant

REACH Compliant

NOTE:

All dimensions are in millimeters.

Specifications Subject to Change Without Notice

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