

# DC - 20 GHz Panel Adapter, In-Series SMA Coaxial Panel Adapters

## DESCRIPTION

"SMA-FFPA" coaxial panel adapter is 9.5 mm "D"-holed panel mountable. It is designed for telecommunication systems and test equipment.

## Connector Interface Standard:

- MIL-C-39012
- MIL-STD-348B
- IEC Std-169-15

## SPECIFICATIONS

### Electrical:

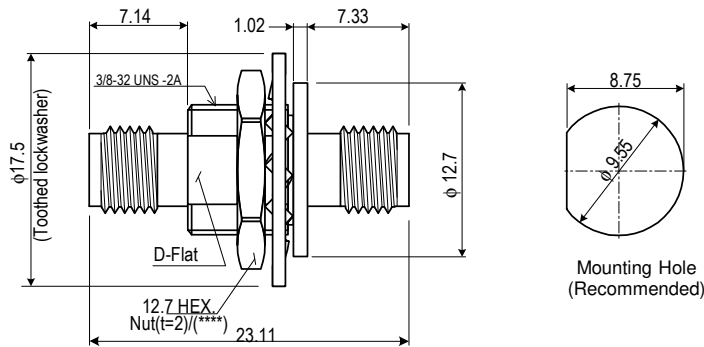
Frequency Range	DC - 20 GHz (*)
SWR	< 1.2
Insertion Loss	< 0.1 dB
Input Power	10 W (max)
Temperature Range	-55 to +85 °C

### Mechanical:

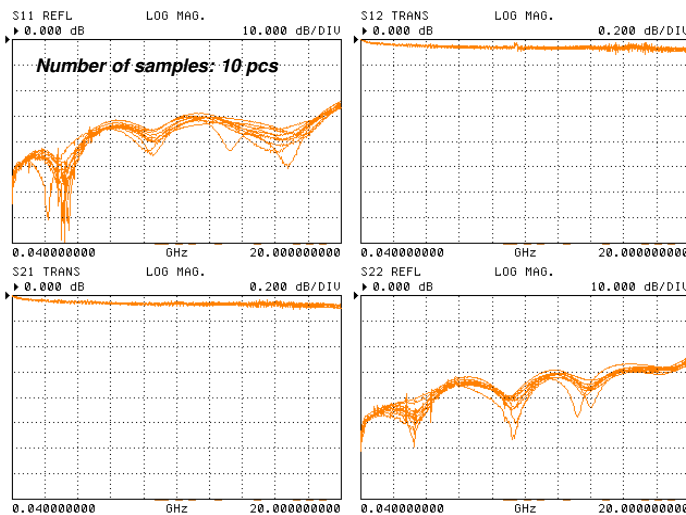
Outer Conductor	Passivated Stainless Steel (**)
Inner Conductor	Gold Plated Beryllium Copper
Coupling Torque	56 N-cm (Nominal)
Connect/Disconnect Life	> 5,000 Cycles (***)



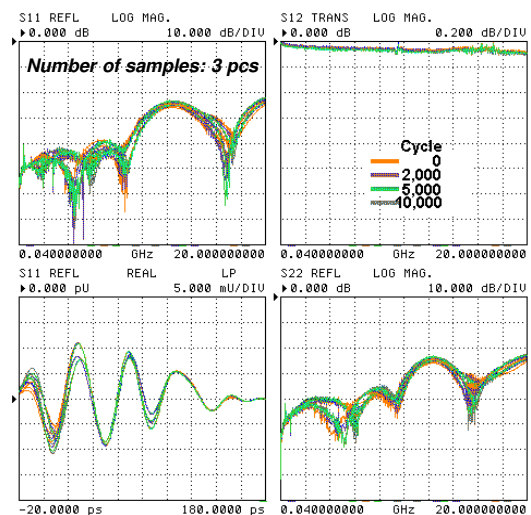
## TYPE: SMA-FFPA Female/Female Outline



## RF Performance ("Non-Insertable Device" Calibration)



## Connect/Disconnect Life ("Non-Insertable Device" Calibration with Time Domain Measurement)



## NOTE:

All dimensions are in millimeters.

(\*) Moding frequency: 24.7 GHz (theoretically)

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

(\*\*\*) Connect/disconnect speed: 10 cycles per minute (conforms to MIL-C-39012/60)

(\*\*\*\*) Recommended tightening torque: 300 to 420 N-cm

RoHS Compliant

REACH Compliant

Specifications Subject to Change Without Notice

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ISO9001:14001 Certified

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