

## Fixed Attenuator

**DC to 6 GHz**
**9 dB**
**2 Watt**
**SMA Stainless Steel Connectors**

### Features

- High attenuation accuracy
- Small VSWR
- Stainless Steel
- Ceramic chip
- Low cost-high performance

### Specifications

Frequency Range	DC to 6 GHz
Attenuation	9 dB
Attenuation Accuracy ( Max. )	± 0.15 dB over DC - 3 GHz ± 0.35 dB over 3 - 4GHz ± 0.50 dB over 4 - 6 GHz
Nominal Impedance	50 Ohm
Average Power	2 Watt
Operating Temperature	-55 to +150

### Model No. Description

**FATXXXXXXXX**

- X**- M=Ultra-small size
- X**- Material: (no code)=Brass  
(S)=Stainless steel
- X**- power handling: 2W or 5W.
- X**- connector type: SMA, N type or SMB connector.
- XX**- attenuation: \*\*dB.

- XX**- frequency range, 06: DC to 6GHz  
14: DC to 14GHz  
18: DC to 18GHz.

FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 3	1.10	
3 to 4	1.15	
4 to 6	1.20	
DC to 6		1.25

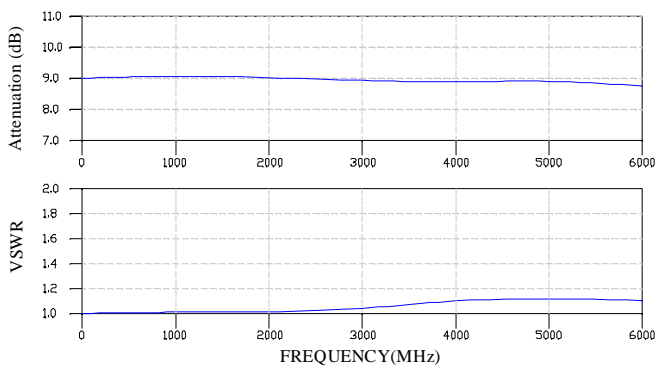
### Material & Plating

Parts	Material	Plating(Micro-inch)
Body & Nut	Stainless Steel	Passivated
Contact (female & male)	Beryllium Copper	Gold 30
Insulator	Teflon	

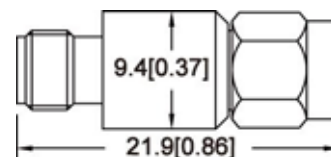
### Characteristic

For example the testing curves of FAT0609S2SM

FAT0609



### Package Outlines



Package type: SMA

Note: all dimensions shown in mm &amp; inch

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