

### Fixed Attenuator

- ◆ DC to 6 GHz
- ◆ 6 dB
- ◆ 2 Watt
- ◆ SMA Stainless Steel Connectors

### Features

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

### 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- 06 represents type number.

### Specifications

Frequency Range	DC to 6 GHz
Attenuation	6 dB
Attenuation Accuracy (Max.)	±0.2 dB over DC - 3 GHz ±0.2 dB over 3 - 4GHz ±0.3 dB over 4 - 6 GHz
Nominal Impedance	50 Ohm
Average Power	2 Watt
Operating Temperature	-55 °C to +125°C
Storage Temperature	-55 °C to +125°C

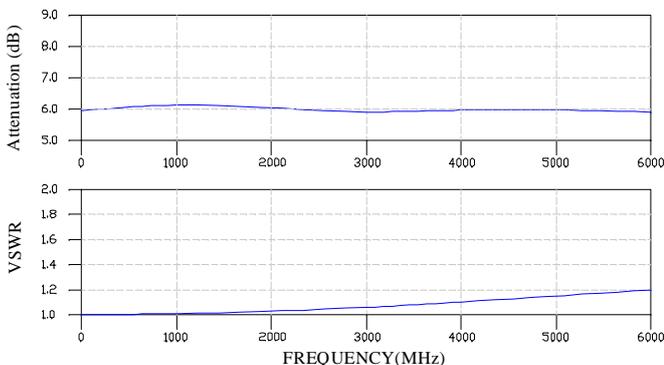
FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 3	1.10	
3 to 4	1.15	
4 to 6	1.20	
DC to 6		1.25

### Material & Plating

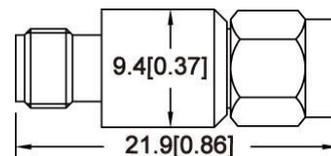
Parts	Material	Plating(Micro-inch)
Body & Nut	Stainless Steel	Passivated
Contact (female & male)	Beryllium Copper	Gold 30
Insulator	Teflon	

### Characteristic

For example the testing curves of FAT0606S2SM



### Package Outlines



Package type: SMA

Note: all dimensions shown in mm & inch

**Note:**

Average power at 25°C ambient, derate linearly to 0.5W at 125°C

