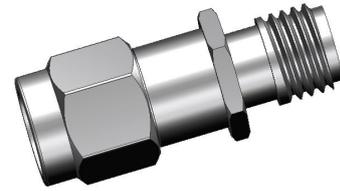


Fixed Attenuator

- ◆ DC to 18 GHz
- ◆ 1 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 18 GHz |
| Attenuation | 1 dB |
| Attenuation Accuracy | ±0.4 dB over DC - 18GHz |
| Nominal Impedance | 50 Ohm |
| Average Power | 2 Watt |
| Operating Temperature | -55 °C to +125°C |
| Storage Temperature | -55 °C to +125°C |

Model No. Description

FATXXXXXXXXM

- 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- 18 represents type number

| FREQ. RANGE (GHz) | Typical VSWR(:1) | Maximum VSWR(:1) |
|-------------------|------------------|------------------|
| DC to 6 | 1.15 | |
| 6 to 12 | 1.25 | |
| 12 to 18 | 1.30 | |
| DC to 18 | | 1.35 |

Material & Plating

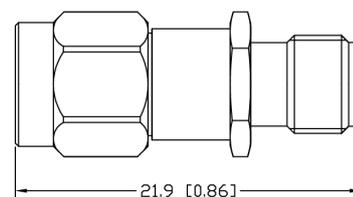
| Parts | Material | Plating(Micro-inch) |
|-------------------------|------------------|---------------------|
| Body & Nut | Stainless Steel | Passivated |
| Contact (female & male) | Beryllium Copper | Gold 50 |
| | Brass | |
| Insulator | PTFE ASTM-D-1710 | |

Characteristic

For example the testing curves of FAT1801S2SM



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

