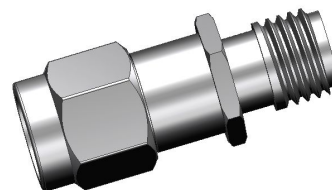


### Fixed Attenuator

- ◆ DC to 18 GHz
- ◆ 5 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           | 5 dB                          |
| Attenuation Accuracy  | $\pm 0.65$ 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

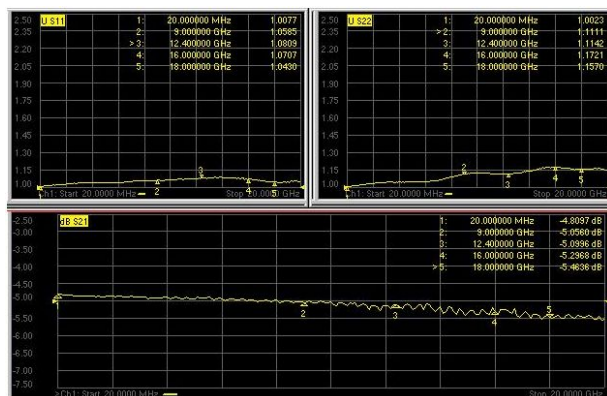
| FREQ. RANGE (GHz) | Typical<br>VSWR(:1) | Maximum<br>VSWR(:1) |
|-------------------|---------------------|---------------------|
| DC to 6           | 1.15                |                     |
| 6 to 12           | 1.25                |                     |
| 12 to 18          | 1.30          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

### Material & Plating

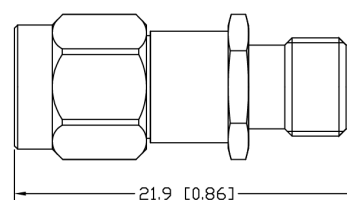
| Parts                      | Material                  | Plating(Micro-inch) |
|----------------------------|---------------------------|---------------------|
| Body & Nut                 | Stainless Steel           | Passivated          |
| Contact<br>(female & male) | Beryllium Copper<br>Brass |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

### Characteristic

For example the testing curves of FAT1805S2SM



### 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

