

Fixed Attenuator

- ◆ DC to 18 GHz
- ◆ 20 dB
- ◆ 5 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	20 dB
Attenuation Accuracy (Max.)	± 1.2 dB over DC - 18 GHz
Nominal Impedance	50 Ohm
Average Power	5 Watt
Operating Temperature	-55 °C to +125°C
Storage Temperature	-55 °C to +125°C

Model No. Description

FATXXXXXX

- X- power handling: 2W or 5W.
- X- connector type: SMA, N type or SMB connector.
- XX- attenuation: **dB.
- XX- 18 represents type number

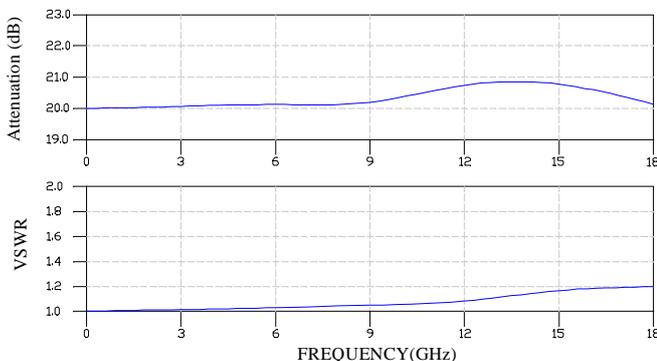
FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 6	1.20	
6 to 12	1.25	
12 to 18	1.35	
DC to 18		1.40

Material & Plating

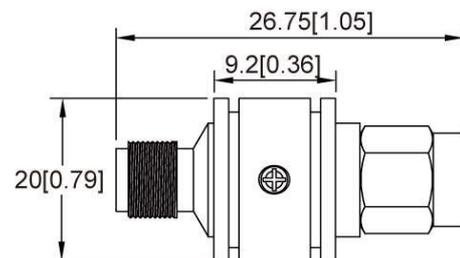
Parts	Material	Plating(Micro-inch)
Body & Nut	Stainless Steel	Passivated
Contact (female & male)	Beryllium Copper	Gold 30
Insulator	Teflon	

Characteristic

For example the testing curves of FAT1820S5



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

