

### Fixed Attenuator

- ◆ DC to 18 GHz
- ◆ 3 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	3 dB
Attenuation Accuracy (Max.)	±0.3 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

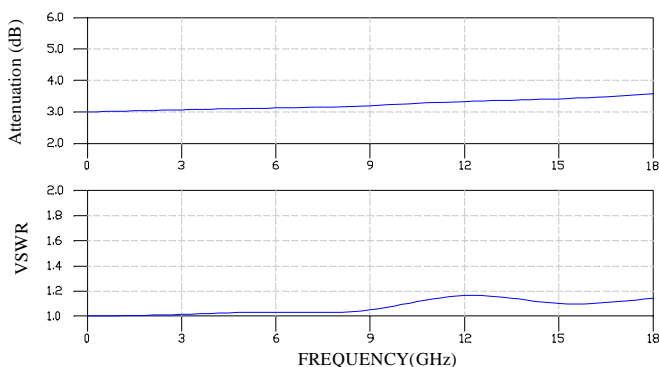
FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 6	1.20	
6 to 12	1.25	
12 to 18	1.35	
DC to 18		1.40

### Material & Plating

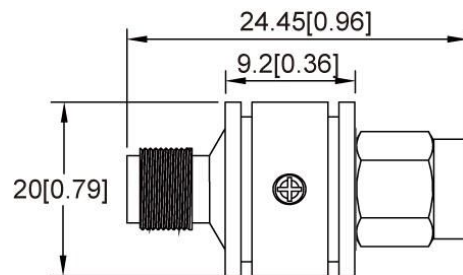
Parts	Material	Plating(Micro-inch)
Body & Nut	Stainless Steel	Passivated
Contact (female & male)	Beryllium Copper	Gold 30
Insulator	Teflon	

### Characteristic

For example the testing curves of FAT1803S5



### Package Outlines



Package type: SMA

Note: all dimensions shown in mm & inch

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For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

**Note:**

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

