

### Fixed Attenuator

**DC to 6 GHz**  
**6 dB**  
**5 Watt**  
**SMA Stainless Steel Connectors**

#### Features

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

#### Model No. Description

FATXXXXXXXX

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- frequency range, 06: DC to 6GHz  
 14: DC to 14GHz  
 18: DC to 18GHz.

#### Specifications

Frequency Range	DC to 6 GHz
Attenuation	6 dB
Attenuation Accuracy ( Max. )	± 0.45 dB over DC - 6 GHz
Nominal Impedance	50 Ohm
Average Power	5 Watt
Operating Temperature	-55 to +150

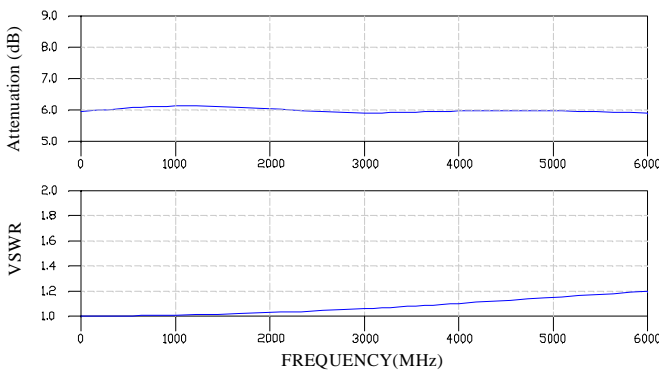
FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 3	1.10	
3 to 4	1.15	
4 to 6	1.20	
DC to 6		1.30

#### Material & Plating

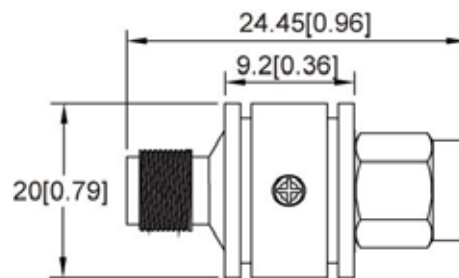
Parts	Material	Plating(Micro-inch)
Body & Nut	Stainless Steel	Passivated
Contact (female & male)	Beryllium Copper	Gold 30
Insulator	Teflon	

#### Characteristic

For example the testing curves of FAT0606S5S



#### Package Outlines



Package type: SMA

Note: all dimensions shown in mm & inch

#### Yantel Corporation

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