

### Fixed Attenuator

**DC to 6 GHz**  
**30 dB**  
**2 Watt**  
**SMA Stainless Steel Connectors**

#### Features

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

#### Model No. Description

FATXXXXXX

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- 06 represents type number.

#### Specifications

Frequency Range DC to 6 GHz  
 Attenuation 30 dB  
 Attenuation Accuracy ( Typ. )  
 ± 2.0 dB over DC - 6 GHz

Nominal Impedance 50 Ohm  
 Average Power 2 Watt  
 Operating Temperature -55 to +125  
 Storage Temperature -55 to +125

#### Note:

**AVERAGE POWER:** 2W average to 25°C to 85°C ambient temperature, derated linearly to 0.2W @ 125°C.

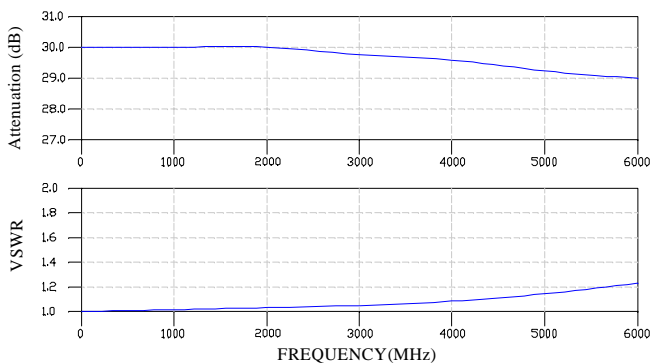
FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 3	1.10	
3 to 4	1.15	
4 to 6	1.25	
DC to 6		1.35

#### Material & Plating

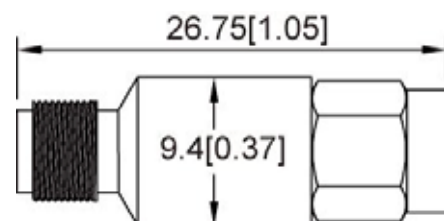
Parts	Material	Plating(Micro-inch)
Body & Nut	Stainless Steel	Passivated
Contact (female & male)	Beryllium Copper	Gold 30
Insulator	Teflon	

#### Characteristic

For example the testing curves of FAT0630S2S



#### Package Outlines



Package type: SMA

Note: all dimensions shown in mm & inch

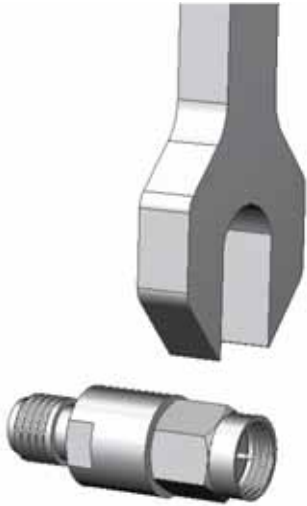
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For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

## Attention



Screw the male of connector to connect/disconnect.



Don't screw the slot of body to connect/disconnect.