

Fixed Attenuator

- ◆ DC to 18 GHz
- ◆ 30 dB
- ◆ 5 Watt
- ◆ SMA Stainless Steel Connectors

Features

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

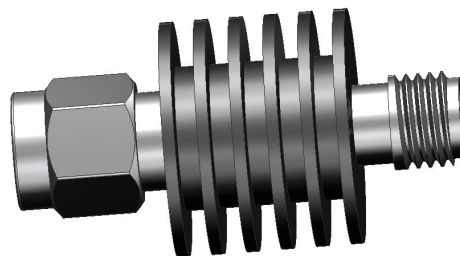
Model No. Description

FATXXXXXXM

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



Specifications

Frequency Range	DC to 18 GHz
Attenuation	30 dB
Attenuation Accuracy	±1.5 dB over DC - 18GHz
Nominal Impedance	50 Ohm
Average Power	5 Watt
Operating Temperature	-55 °C to +125°C
Storage Temperature	-55 °C to +125°C

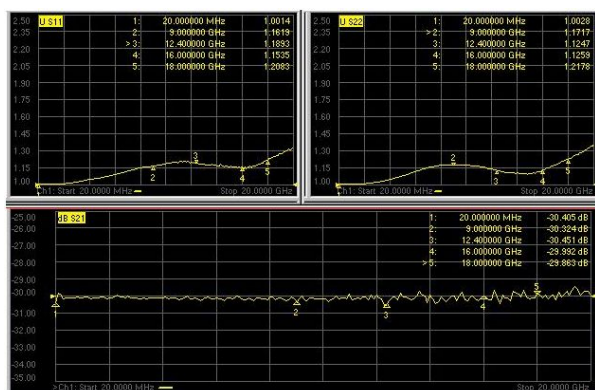
FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 6	1.15	
6 to 12	1.25	
12 to 18	1.30	
DC to 18		1.35

Material & Plating

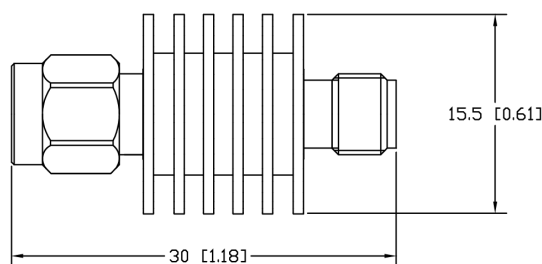
Parts	Material	Plating(Micro-inch)
Nut	stainless steel SMA male and female connectors	Passivated
Contact (female & male)	Beryllium Copper	Gold 50
	Brass	
Insulator	PTFE ASTM-D-1710	N/A
Body & Heat Sink	Al	Black anodize

Characteristic

For example the testing curves of FAT1830S5SM



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

