

Fixed Attenuator

- ◆ DC to 6 GHz
- ◆ 6 dB
- ◆ 2 Watt
- ◆ MCX Type Connectors

Features

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

Model No. Description

FATXXXXXX

X- power handling: 2W or 5W.
X- connector type: SMA, N type or MCX connector.

XX- attenuation: **dB.

XX- 06 represents type number

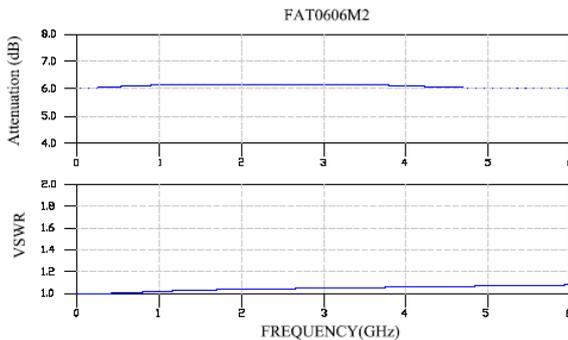
Specifications

Frequency Range	DC to 6 GHz
Attenuation	6 dB
Attenuation Accuracy (Max.)	±0.20 dB over DC - 3 GHz ±0.30 dB over 3 - 4 GHz ±0.40 dB over 4 - 6 GHz
Nominal Impedance	50 Ohm
Average Power	2 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 3	1.10	
3 to 4	1.15	
4 to 6	1.20	
DC to 6		1.25

Characteristic

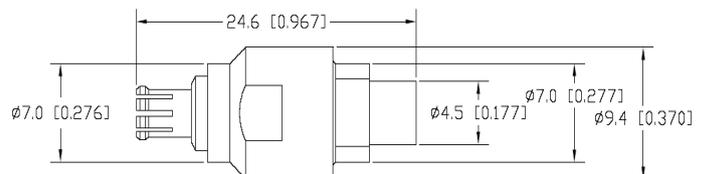
For example the testing curves of FAT0606M2



Material & Plating

Parts	Material	Plating(Micro-inch)
Body & Nut	Brass	Nickel 50
Contact (female & male)	QSn6.5-0.1	Gold 30
Insulator	Teflon	

Package Outlines



Package type: MCX type

Note: all dimensions shown in mm[inch]

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