

Fixed Attenuator

- ◆ DC to 3 GHz
- ◆ 3dB
- ◆ 25 Watt
- ◆ N Type

Features

- High Power
- High attenuation accuracy
- Small VSWR



Specifications

Frequency Range	DC to 3 GHz
Attenuation	3 dB
Attenuation Accuracy	± 0.7 dB over DC - 3 GHz
Nominal Impedance	50 Ohm
Average Power	25 Watt
Operating Temperature	-55 °C to +125 °C
Storage Temperature	-55 °C to +125 °C

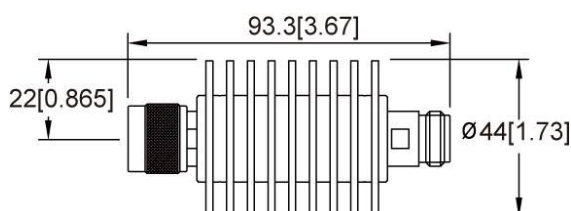
Model No. Description

FATXXXXXX

- X- power handling: 25W.
- X- connector type: SMA, N type or SMB connector.
- XX- attenuation: **dB.
- XX- 03 represents type number.

FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 1	1.15	
1 to 2	1.25	
2 to 3	1.30	
DC to 3		1.35

Package Outlines



Notes:

- all dimensions shown in mm & inch
- Dimensions Tolerance $\pm 2\%$
- Dimensions and specifications refer to connector type N unless otherwise specified.
- Custom designs available for other special attenuation value & accuracy

Material & Plating

Parts	Material	Plating(Micro-inch)
Body & Nut	Aluminum	Black Anodize
Contact (female & male)	QSn6.5-0.1	Gold 30
Insulator	Teflon	

AVERAGE POWER: 25W average to 25°C ambient temperature, derated linearly to 2.5W @ 125°C.

PEAK POWER: 1KW (5μs pulse width with 2.5% duty cycle)

CONNECTOR TYPE: N