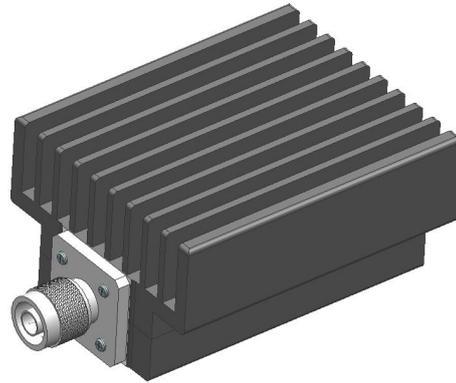


Fixed Attenuator

- ◆ DC to 3.5GHz
- ◆ 3dB
- ◆ 100 Watt
- ◆ N Type



Features

- High Power
- High attenuation accuracy
- Small VSWR
- Low PIM

Model No. Description

FATXXXXXXXX

- XXX- power handling:100W.
- X- connector type: SMA, N type or SMB connector.
- XX- attenuation: **dB.
- XX- 04 represents type number

AVERAGE POWER: 100W average to 25°C ambient temperature,
derated linearly to 10W @ 125°C.

PEAK POWER: 5KW (5µs pulse width with 1.0% duty cycle)

CONNECTOR TYPE: N, N male to N female bidirectional type

WEIGHT: about 0.8Kg

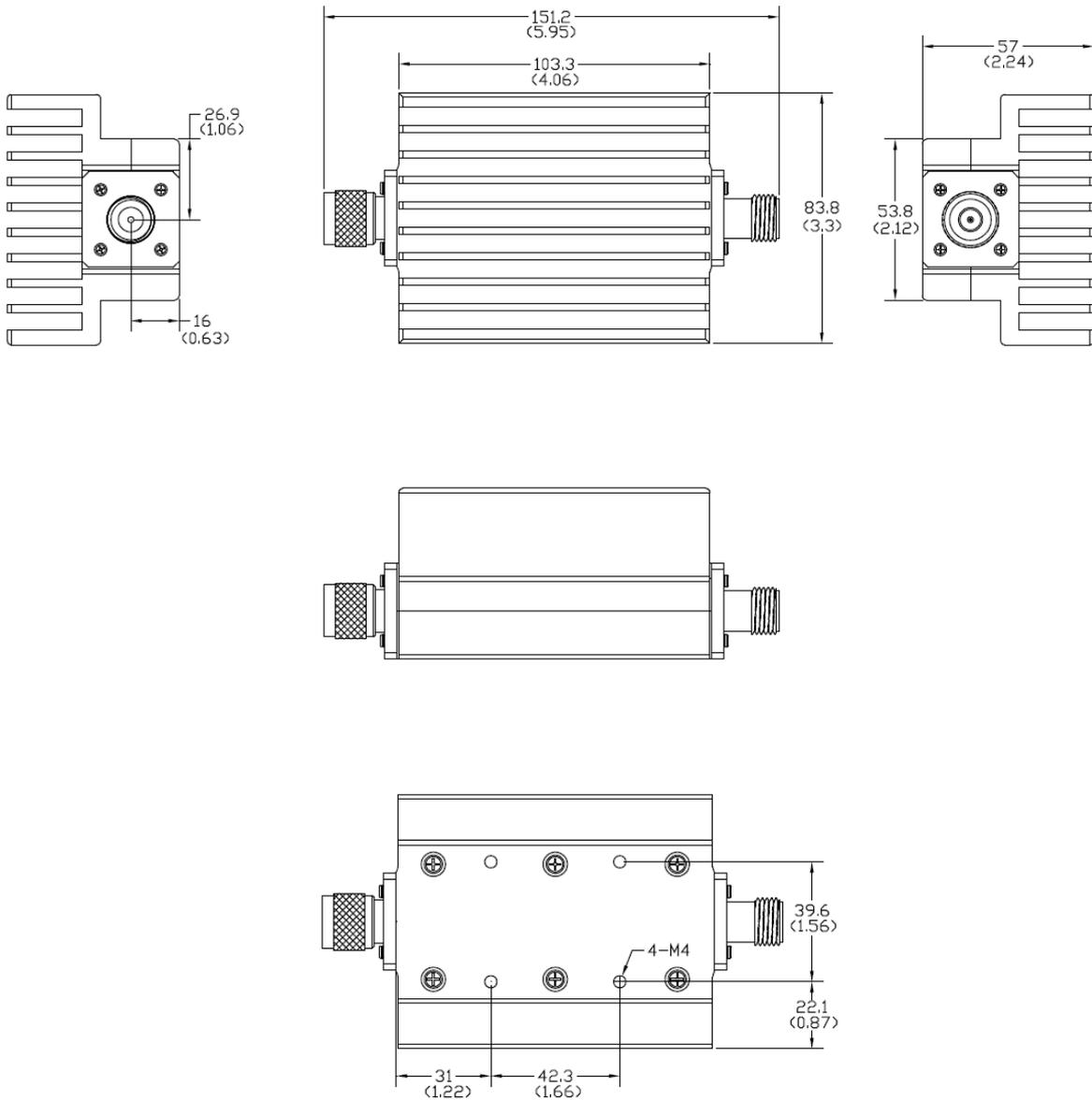
Specifications

Frequency Range	DC to 3.5GHz
Attenuation	3dB
Attenuation Accuracy	±0.65dB over DC - 3GHz ±0.9dB over 3 – 3.5GHz
Nominal Impedance	50 Ohm
Average Power	100 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	1.30	1.35
3 to 3.5	1.45	1.55

Material & Plating

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

Package Outlines

Notes:

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