

Fixed Attenuator

- ◆ DC to 3.5GHz
- ◆ 6dB
- ◆ 100 Watt
- ◆ N Type

Features

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

Model No. Description

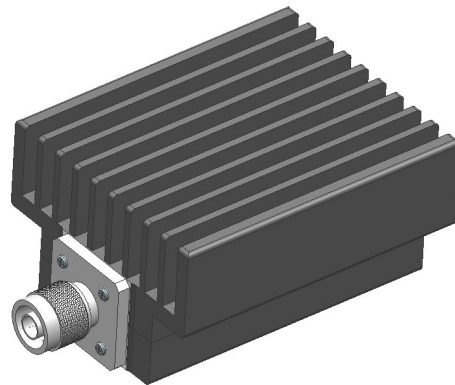
FATXXXXXXXX

XXX- power handling:100W.

X- connector type: SMA, N type or
SMB connector.

XX- attenuation: **dB.

XX- 04 represents type number



Specifications

Frequency Range	DC to 3.5GHz
Attenuation	6dB
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

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

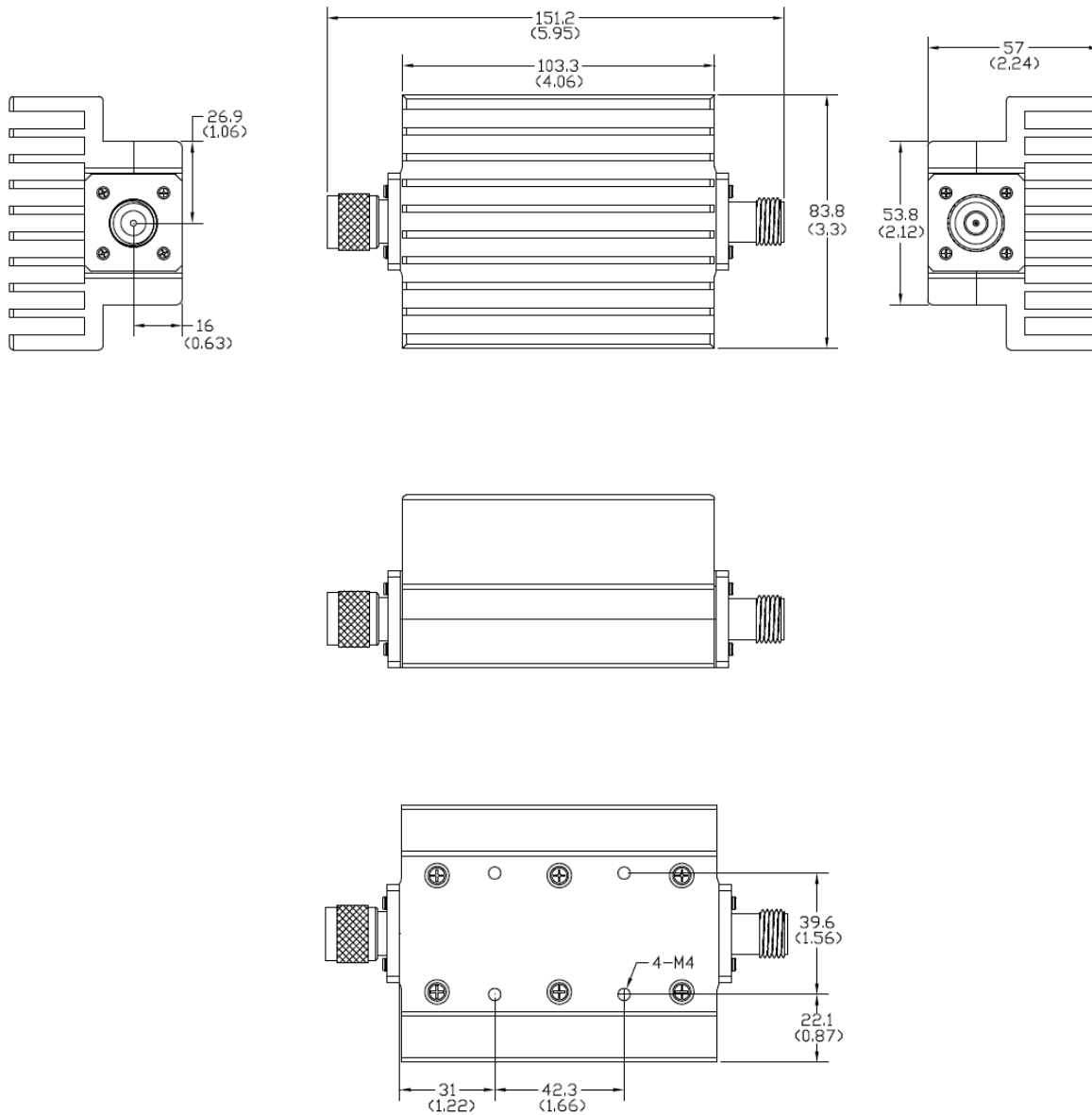
PEAK POWER: 5KW (5μs pulse width with 1.0% duty cycle)

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

WEIGHT: about 0.8Kg

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