

Fixed Attenuator

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

Features

- High Power
- High attenuation accuracy
- Small VSWR

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.

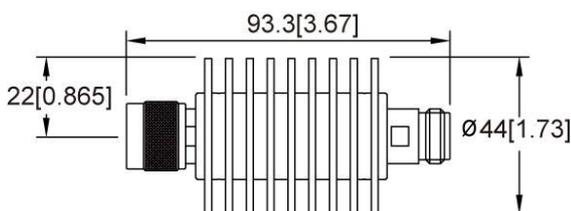


Specifications

| | |
|-----------------------|-------------------------|
| Frequency Range | DC to 3 GHz |
| Attenuation | 6 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 |

| 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:

1. all dimensions shown in mm & inch
2. Dimensions Tolerance ±2%
3. Dimensions and specifications refer to connector type N unless otherwise specified.
4. 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