

### Fixed Attenuator

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

### Features

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



### Specifications

|                       |                         |
|-----------------------|-------------------------|
| Frequency Range       | DC to 3 GHz             |
| Attenuation           | 6 dB                    |
| Attenuation Accuracy  | ±0.5 dB over DC - 3 GHz |
| Nominal Impedance     | 50 Ohm                  |
| Average Power         | 50 Watt                 |
| Operating Temperature | -55 °C to +125°C        |
| Storage Temperature   | -55 °C to +125°C        |

### Model No. Description

FATXXXXXX

X- power handling:50W.

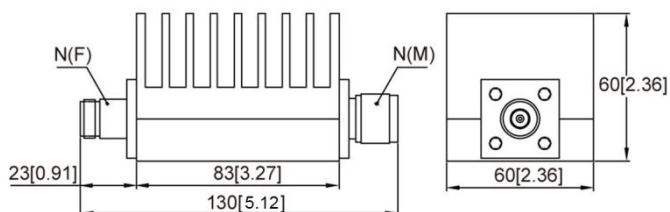
X- connector type: SMA, N type or SMB connector.

XX- attenuation: \*\*dB.

XX- 03 represents type number

| FREQ. RANGE (GHz) | Typical VSWR(:1) | Maximum VSWR(:1) |
|-------------------|------------------|------------------|
| DC to 1           | 1.10             |                  |
| 1 to 2            | 1.20             |                  |
| 2 to 3            | 1.25             |                  |
| DC to 3           |                  | 1.30             |

### 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:** 50W average to 25°C ambient temperature, derated linearly to 0.5W @ 125°C.

**PEAK POWER:** 10KW (5µs pulse width with 0.5% duty cycle)

**CONNECTOR TYPE:** N