FAT0320N80P
Fixed Attenuator
Rev A3

Fixed Attenuator

- **DC to 3 GHz**
- **20dB**
- **80 Watt**
- **N Type**

Features

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

Specifications

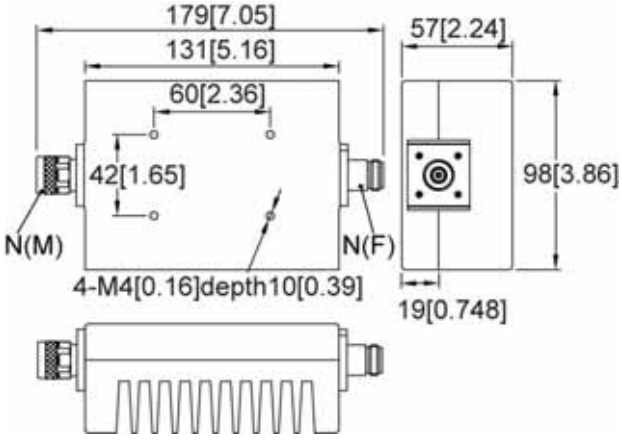
Frequency Range	DC to 3 GHz
Attenuation	20 dB
Attenuation Accuracy	±1.0 dB over DC - 3 GHz
Nominal Impedance	50 Ohm
Average Power	80 Watt
Operating Temperature	-55 ℃ to +125℃

Model No. Description

FATXXXXXX

X- power handling:80W.
X- connector type: SMA, N type or SMB connector.
XX- attenuation: **dB.
XX- frequency range, 03: DC to 3GHz
06: DC to 6GHz
18: DC to 18GHz.

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



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: 80W average to 25°C ambient temperature, derated linearly to 8W @ 125°C.

PEAK POWER: 10KW (5μs pulse width with 0.8% duty cycle)

CONNECTOR TYPE: N, N male to N female unidirectional type(Input port is only on the male side, and output port is only on the female side)

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

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