

# **FAT0340N80P Fixed Attenuator**

Rev A3

Maximum

VSWR(:1)

1.35

# **Fixed Attenuator**

DC to 3 GHz **40dB** 80 Watt N Type

### **Features**

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



## **Specifications**

Frequency Range	DC to	3 GHz
Attenuation	40 dB	6
Attenuation Accuracy		
	± 1.0 dB over DC - 3 GHz	
Nominal Impedance	50 Ohm	
Average Power	80 Watt	
Operating Temperature	-55	to +125

Typical

VSWR(:1)

1.15

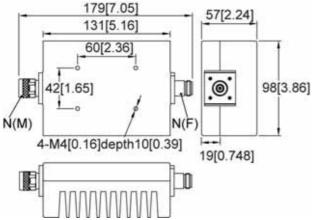
1.25

1.30

# Model No. Description FATXXXXX

 $\overline{\mathbf{X}}$ - 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.



# **Material & Plating**

FREQ. RANGE (GHz)

DC to 1

1 to 2

2 to 3

DC to 3

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

### **Yantel Corporation**

Add : 3F, Building 3, Southern District 2 of Zhongguan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com