

### Fixed Attenuator

**DC to 3 GHz**  
**20 dB**  
**50 Watt**  
**N Type**



#### Features

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

#### Model No. Description

FATXXXXXX

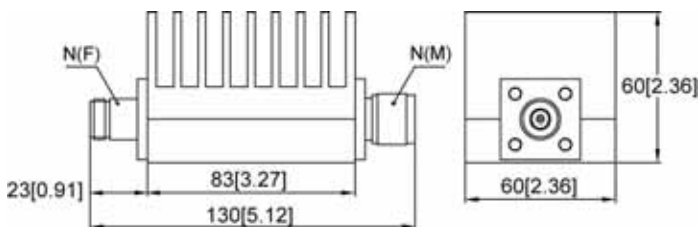
- X- power handling:50W.
- X- connector type: SMA, N type or SMB connector.
- XX- attenuation: \*\*dB.
- XX- 03 represents type number.

#### Specifications

Frequency Range	DC to 3 GHz
Attenuation	20 dB
Attenuation Accuracy	± 0.5 dB over DC - 3 GHz
Nominal Impedance	50 Ohm
Average Power	50 Watt
Operating Temperature	-55 to +125
Storage Temperature	-55 to +125

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

#### Yantel Corporation

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