

Fixed Attenuator

DC to 3 GHz
10dB
25 Watt
N Type



Features

- High Power
- High attenuation accuracy
- Small VSWR

Model No. Description

FATXXXXXX

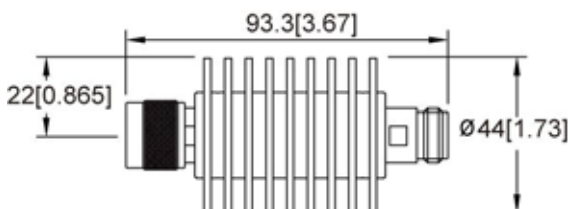
X- power handling:25W.
 X- connector type: SMA, N type or SMB connector.
 XX- attenuation: **dB.
 XX- frequency range, 03: DC to 3GHz
 06: DC to 6GHz
 18: DC to 18GHz.

Specifications

Frequency Range	DC to 3 GHz
Attenuation	10 dB
Attenuation Accuracy	± 0.7 dB over DC - 3 GHz
Nominal Impedance	50 Ohm
Average Power	25 Watt
Operating Temperature	-55 to +125

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

Yantel Corporation

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