

Fixed Attenuator

- ◆ DC to 18 GHz
- ◆ 20 dB
- ◆ 2 Watt
- ◆ SMA Stainless Steel Connectors

Features

- High attenuation accuracy
- Small VSWR
- Stainless Steel
- Ceramic chip
- Low cost-high performance

Model No. Description

FATXXXXXX

X- power handling: 2W or 5W.

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

XX- attenuation: **dB.

XX- 18 represents type number



Specifications

| | |
|-----------------------------|---------------------------|
| Frequency Range | DC to 18 GHz |
| Attenuation | 20 dB |
| Attenuation Accuracy (Max.) | ± 1.2 dB over DC - 18 GHz |
| Nominal Impedance | 50 Ohm |
| Average Power | 2 Watt |
| Operating Temperature | -55 °C to +125°C |
| Storage Temperature | -55 °C to +125°C |

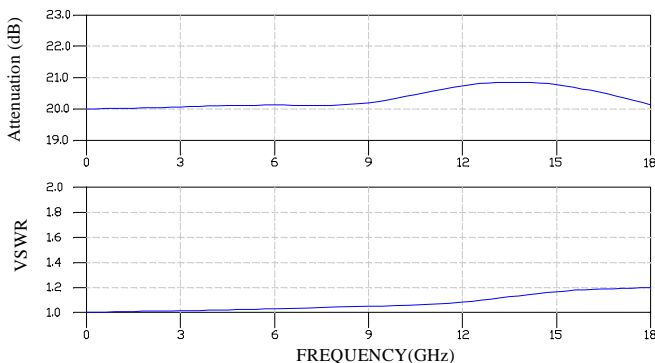
| FREQ. RANGE (GHz) | Typical VSWR(:1) | Maximum VSWR(:1) |
|-------------------|------------------|------------------|
| DC to 6 | 1.20 | |
| 6 to 12 | 1.25 | |
| 12 to 18 | 1.35 | |
| DC to 18 | | 1.40 |

Material & Plating

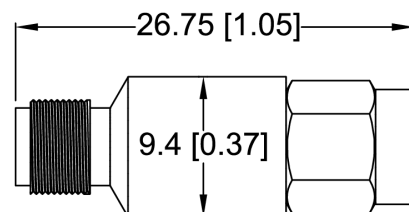
| Parts | Material | Plating(Micro-inch) |
|-------------------------|------------------|---------------------|
| Body & Nut | Stainless Steel | Passivated |
| Contact (female & male) | Beryllium Copper | Gold 30 |
| Insulator | Teflon | |

Characteristic

For example the testing curves of FAT1820S2



Package Outlines



Package type: SMA

Note: all dimensions shown in mm & inch

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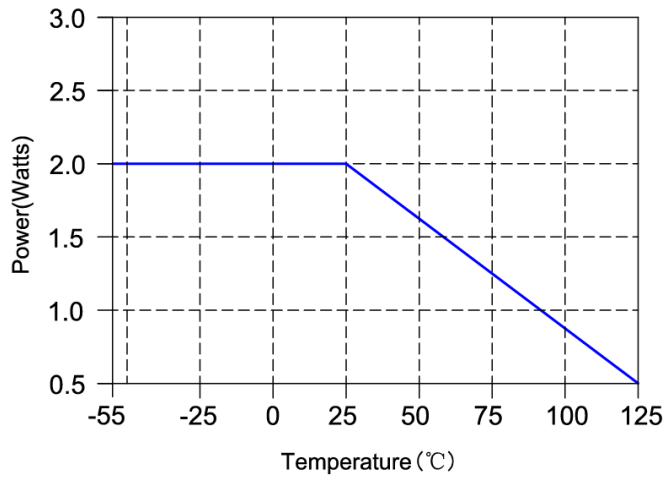
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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Note:

Average power at 25°C ambient, derate linearly
to 0.5W at 125°C

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