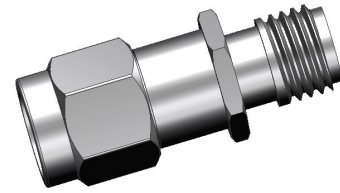


Fixed Attenuator

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



Features

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

Specifications

| | |
|-----------------------|-------------------------|
| Frequency Range | DC to 18 GHz |
| Attenuation | 9 dB |
| Attenuation Accuracy | ±1.0 dB over DC - 18GHz |
| Nominal Impedance | 50 Ohm |
| Average Power | 2 Watt |
| Operating Temperature | -55 °C to +125°C |
| Storage Temperature | -55 °C to +125°C |

Model No. Description

FATXXXXXXXXM

X- Material: (no code)=Brass
(S)=Stainless steel
X- power handling: 2W or 5W.
X- connector type: SMA, N type or
SMB connector.

XX- attenuation: **dB.

XX- 18 represents type number

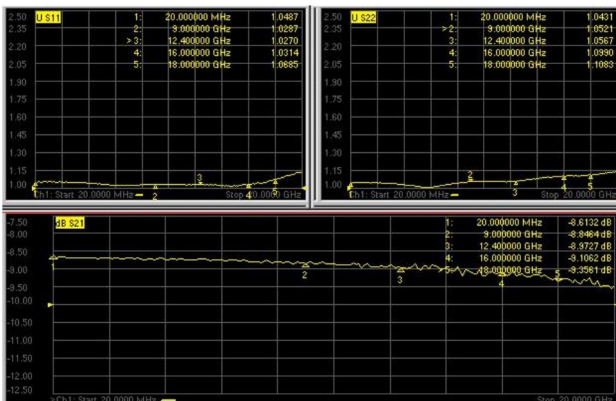
| FREQ. RANGE (GHz) | Typical VSWR(:1) | Maximum VSWR(:1) |
|-------------------|------------------|------------------|
| DC to 6 | 1.15 | |
| 6 to 12 | 1.25 | |
| 12 to 18 | 1.30 | |
| DC to 18 | | 1.35 |

Material & Plating

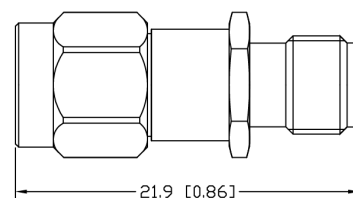
| Parts | Material | Plating(Micro-inch) |
|-------------------------|------------------|---------------------|
| Body & Nut | Stainless Steel | Passivated |
| Contact (female & male) | Beryllium Copper | Gold 50 |
| | Brass | |
| Insulator | PTFE ASTM-D-1710 | |

Characteristic

For example the testing curves of FAT1809S2SM



Package Outlines



Package type: SMA

Note: all dimensions shown in mm & inch

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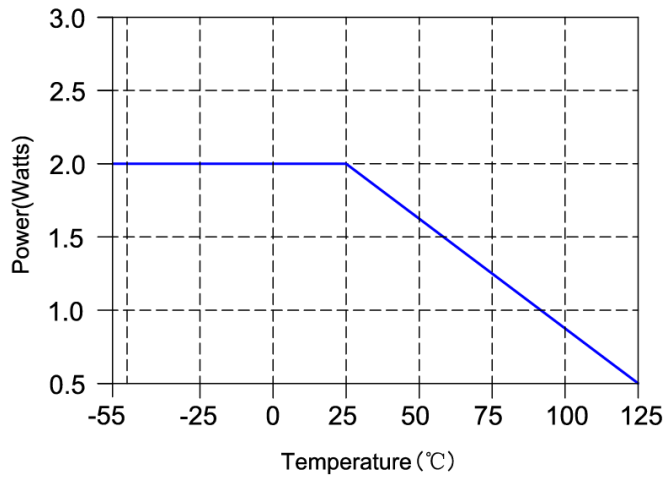
Add: 3F, Building 3, Southern District 2 of Zhongguan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China

Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

Note:

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

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