


Electrical

| | | | | | | |
|------------------------|--|--|--|--|--|--|
| Impedance | 50 ohm | | | | | |
| Frequency Range | DC-8.5 GHz | | | | | |
| VSWR | 1.25 max | | | | | |
| Input Avg Power | 2W@ 25°C ambient, derating linearly to 0.2W at 100°C | | | | | |
| Peak Power | 200W (5 micro-sec pulse width, 0.5% duty cycle) | | | | | |
| Direction | Bidirectional, SMA female to SMA male (other configurations available) | | | | | |

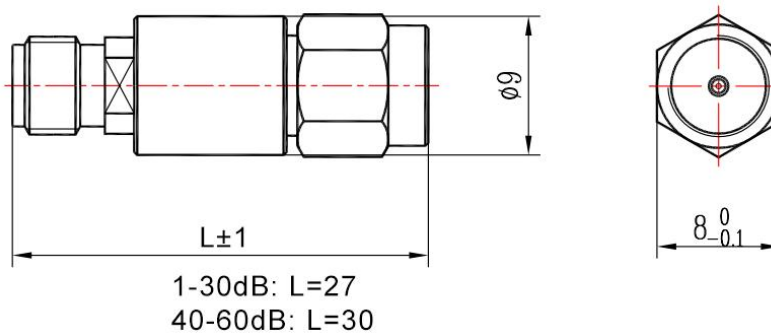
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|------------------------|------|-------|-------|------|------|------|
| Attenuation(dB) | 1-10 | 11-20 | 21-30 | 40 | 50 | 60 |
| Accuracy(dB) | ±0.5 | ±0.6 | ±0.8 | ±0.8 | ±0.8 | ±0.9 |

Mechanical

| | |
|-----------------------|------------------------------------|
| Connector Body | Passivated stainless steel |
| Heat Sink | N/A |
| Center Contact | Gold plated beryllium copper/brass |
| Net Weight | Approx 7 g |

Environmental

| | |
|--------------------------------|------------------|
| Operating Temperature | -55°C to 100°C |
| Storage Temperature | -55°C to 125°C |
| RoHS | Compliant |
| Temperature Coefficient | <0.0004 dB/dB/°C |

Dimensions(mm)

Notes

1. Customized dB values, outlines and optimal accuracy/VSWR available.

Model Description
RFHB08XXSC2A

1. XX for dB value: 06=6dB, 30=30dB

2. Code for connector configuration:

A=female for two ends; B=male for two ends

C=female for one end and male for the other.