



**Electrical**

<b>Impedance</b>	50 ohm
<b>Frequency Range</b>	DC-12.4 GHz
<b>VSWR</b>	1.25 max
<b>Input Avg Power</b>	2W@ 25°C ambient, derating linearly to 0.2W at 100°C
<b>Peak Power</b>	200W (5 micro-sec pulse width, 0.5% duty cycle)
<b>Direction</b>	Bidirectional, SMA female to SMA male (other configurations available)

<b>Attenuation(dB)</b>	1-6	7-12	13-20	21-30	40	50	60
<b>Accuracy(dB)</b>	±0.4	±0.5	±0.7	±0.9	±0.9	±1.0	±1.1

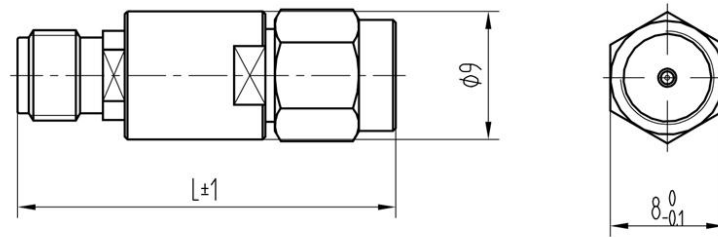
**Mechanical**

<b>Connector Body</b>	Passivated stainless steel
<b>Heat Sink</b>	N/A
<b>Center Contact</b>	Gold plated beryllium copper/brass
<b>Net Weight</b>	Approx 6 g

**Environmental**

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

**Dimensions(mm)**



0-12 dB: L=24  
 13-30 dB: L=26.6  
 40/50/60 dB: L=30

**Notes**

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

**Model Description**

**RFHB12XXSC2**

- 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.