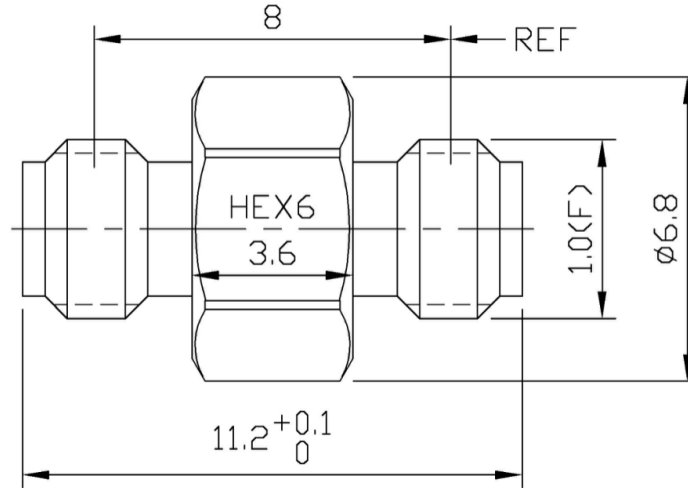


## 1.0mm Coaxial Fixed Attenuator, R1101FFH-XX DC-110GHz, 1W, 3-10dB, Bidirectional, Round

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

<b>Frequency Range</b>	DC-110GHz , 50Ohms
<b>VSWR</b>	1.5 Max
<b>Input Avg Power</b>	1W @25°C
<b>Peak Power</b>	100W (5μsec pulse width, 5% duty cycle)
<b>Temp Coefficient</b>	<0.0005 dB/dB/°C
<b>Direction</b>	Bidirectional, 1.0mm female to 1.0mm female
<b>Attenuation</b>	3-10dB
<b>Operating Temp</b>	-55°C~+100°C

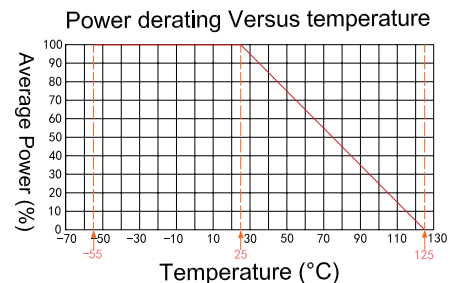
### Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
R1101FFH-3	3 dB	±1.5 dB
R1101FFH-5	5 dB	±1.5 dB
R1101FFH-6	6 dB	±1.5 dB
R1101FFH-10	10 dB	±1.2 dB

**Notes:** Pay attention to input/output. To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 80°C. Reference Curve, derate linearly to 0.1W at 100°C.

### Mechanical & Product Information

<b>Product Number</b>	R1101FFH-XX
<b>Product Type</b>	Coaxial Fixed Attenuator, JP-Grade
<b>Connector</b>	1.0mm female, 1.0mm female
<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	1.27um Gold plated beryllium copper
<b>Heat Sink</b>	N/A
<b>Net Weight</b>	About 1.0g



1. Customized connectors, dimensions, directionality, PIM, dB values.

2. Refer to the RFTOP attenuator selection and usage guide.