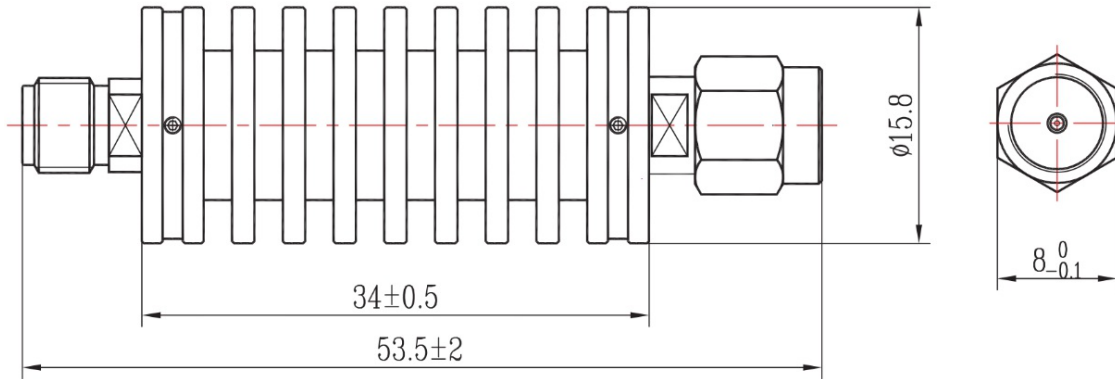




**SMA Coaxial Fixed Attenuator, R12S15-XX**  
**DC-12.4GHz, 15W, 1-40dB, Bidirectional, Round**

**Dimensions(mm) Tolerance±1%**



**Electrical & Environmental**

<b>Frequency Range</b>	DC-12.4GHz , 50Ohms
<b>VSWR</b>	1.35 Max
<b>Input Avg Power</b>	15W @25°C
<b>Peak Power</b>	500W (5µsec pulse width, 1% duty cycle)
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C
<b>Direction</b>	Bidirectional, SMA male to SMA female
<b>Attenuation</b>	1-40dB
<b>Operating Temp</b>	-55°C~+100°C

Product Selection, Customizable		
RFTOP P/N	ATTEN	Accuracy
R12S15-3	3 dB	±0.6 dB
R12S15-6	6 dB	±0.6 dB
R12S15-10	10 dB	±0.6 dB
R12S15-20	20 dB	±0.7 dB
R12S15-30	30 dB	±0.8 dB
R12S15-40	40 dB	±0.9 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 2W at 100°C.

**Mechanical & Product Information**

<b>Product Number</b>	R12S15-XX
<b>Product Type</b>	Coaxial Fixed Attenuator, P-Grade
<b>Connector</b>	SMA male, SMA female
<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated brass, Gold plated beryllium copper
<b>Heat Sink</b>	Black anodized aluminum
<b>Net Weight</b>	About 17.0g

1. Customized connectors, dimensions, directionality, PIM, dB values.
2. Refer to the RFTOP attenuator selection and usage guide.

