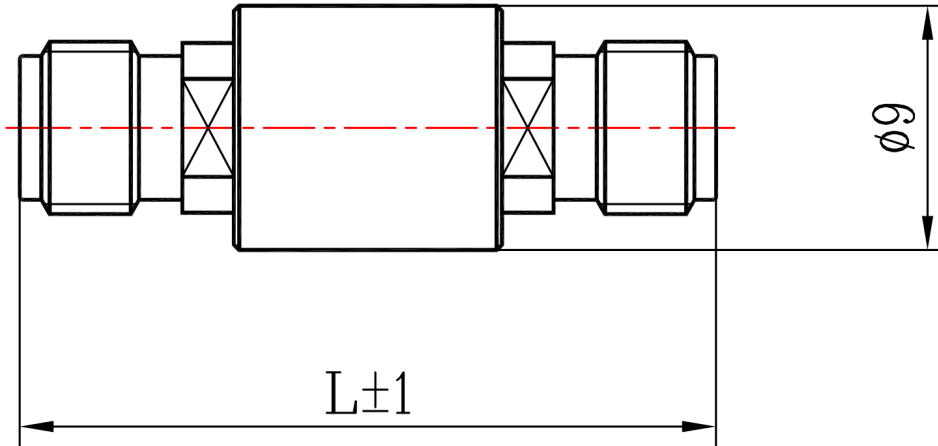


SMA Coaxial Fixed Attenuator, R8S2FF-XX DC-8.5GHz, 2W, 1-60dB, Bidirectional, Round

Dimensions(mm) Tolerance $\pm 1\%$



Electrical & Environmental

Frequency Range	DC-8.5GHz , 50ohms
VSWR	1.25 Max
Input Avg Power	2W @25°C
Peak Power	200W (5 μ sec pulse width, 0.5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, SMA female to SMA female
Attenuation	1-60dB
Operating Temp	-55°C~+125°C

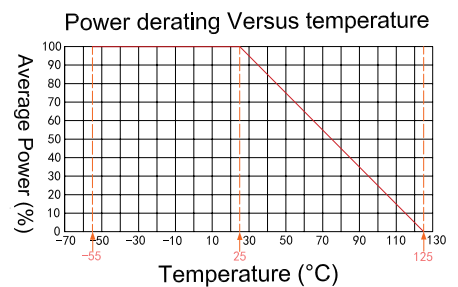
Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
R8S2FF-3	3 dB	± 0.5 dB
R8S2FF-6	6 dB	± 0.5 dB
R8S2FF-10	10 dB	± 0.5 dB
R8S2FF-20	20 dB	± 0.6 dB
R8S2FF-30	30 dB	± 0.8 dB
R8S2FF-40	40 dB	± 0.8 dB
R8S2FF-50	50 dB	± 0.9 dB
R8S2FF-60	60 dB	± 0.9 dB

Mechanical & Product Information

Product Number	R8S2FF-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	SMA female, SMA female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Heat Sink	N/A

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 0.2W at 100°C.



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

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