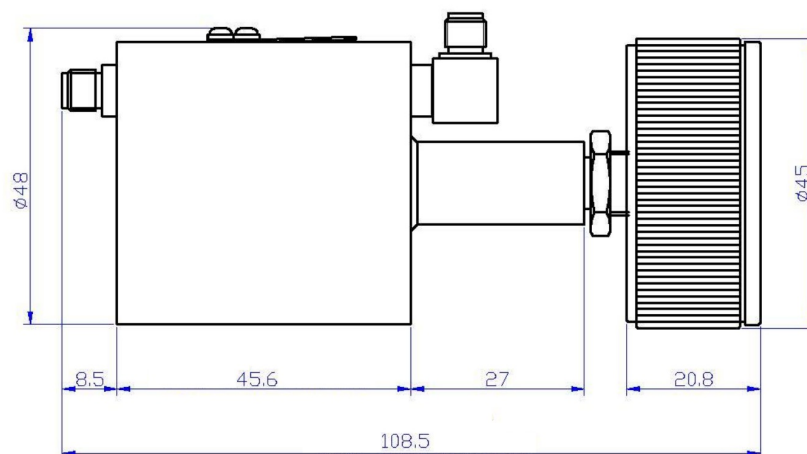




SMA Dial Step Attenuator, RAS8S2-90-10 DC-8GHz, 2W, 0-90dB, Bidirectional, Round

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



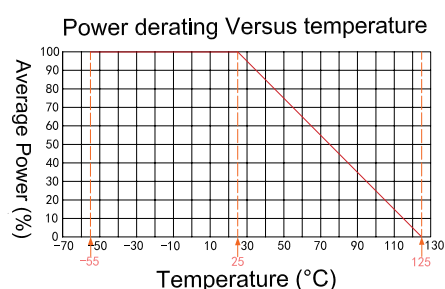
Electrical & Environmental

Frequency Range	DC-8GHz , 50Ohms
VSWR	1.4 Max
Insertion Loss	1dB Max
Input Avg Power	2W @25°C
Peak Power	200W (5μsec pulse width, 2% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, SMA female to SMA female
Attenuation	0-90dB 0/10/20/30/40/50/60/70/80/90dB
Attenuation Step	10dB
Operating Temp	-55°C~+125°C

Attenuation&Accuracy(DC-8GHz)

Attenuation(dB)	1-10	11-30	31-50	51-90
Accuracy(dB)	± 1.5	± 1.5	$\pm 5\%$	$\pm 6\%$

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 60°C. Reference Curve, derate linearly to 0.2W at 100°C.



Mechanical & Product Information

Product Number	RAS8S2-90-10
Product Type	Dial Step Attenuator
Connector	SMA female, SMA female
Connector Body	Nickel plated brass
Center Contact	Gold plated beryllium copper
Heat Sink	N/A
Net Weight	About 250.0g

Customization and selection, Refer to RFTOP attenuator selection and usage guide.