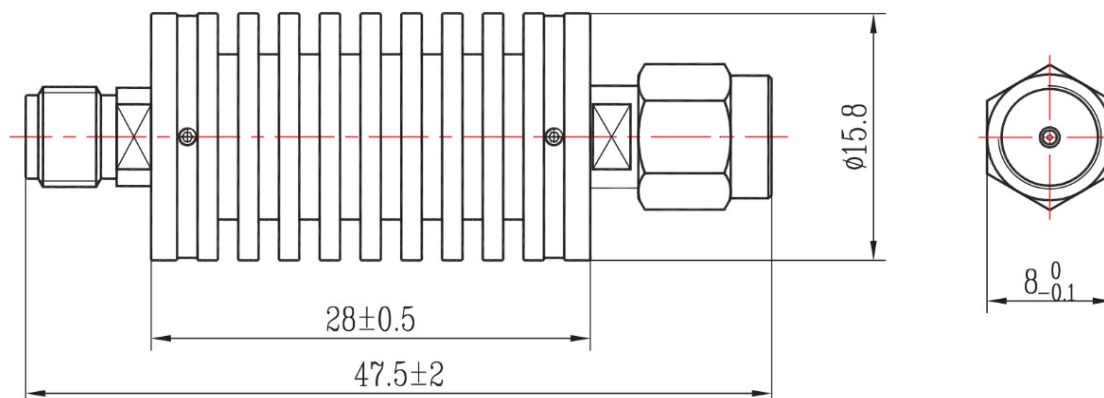


SMA Coaxial Fixed Attenuator, R8S10-XX

DC-8.5GHz, 10W, 1-40dB, Bidirectional, Round



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



Electrical & Environmental

Frequency Range	DC-8.5GHz , 500hms
VSWR	1.2 Max
Input Avg Power	10W @25°C
Peak Power	500W (5μsec pulse width, 1% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, SMA male to SMA female
Attenuation	1-40dB
Operating Temp	-55°C~+125°C

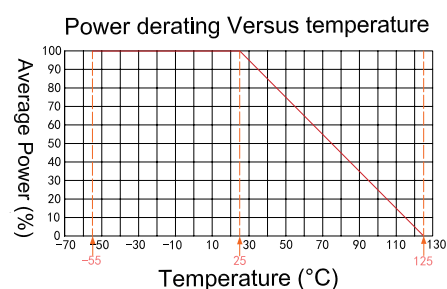
Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
R8S10-3	3 dB	± 0.5 dB
R8S10-6	6 dB	± 0.5 dB
R8S10-10	10 dB	± 0.5 dB
R8S10-15	15 dB	± 0.6 dB
R8S10-20	20 dB	± 0.6 dB
R8S10-30	30 dB	± 0.8 dB
R8S10-40	40 dB	± 0.8 dB

Mechanical & Product Information

Product Number	R8S10-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	SMA male, SMA female
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass, Gold plated beryllium copper
Heat Sink	Black anodized aluminum
Net Weight	About 16.0g

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 1W at 100°C.



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

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Typical Test Data

