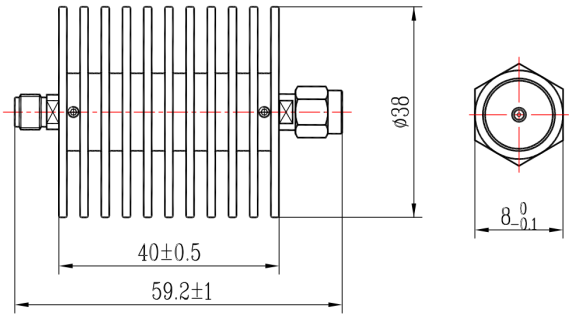


SMA Coaxial Fixed Attenuator, R8S30U-XX
DC-8.5GHz, 30W, 1-60dB, Unidirectional, Round

01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-8.5GHz , 50Ohms
VSWR	1.2 Max
Input Avg Power	30W @25°C
Peak Power	500W (5μsec pulse width, 3% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, SMA male imput to SMA female output
Attenuation	1-60dB
Operating Temp	-55°C~+125°C

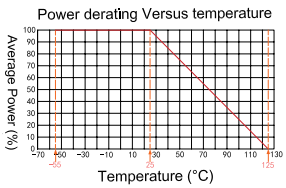
03

Mechanical & Product Information

Product Number	R8S30U-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

Product Selection		
RFTOP P/N	**ATTEN**	**Accuracy**
R8S30U-3	3 dB	±0.5 dB
R8S30U-6	6 dB	±0.5 dB
R8S30U-10	10 dB	±0.5 dB
R8S30U-20	20 dB	±0.7 dB
R8S30U-30	30 dB	±0.8 dB
R8S30U-40	40 dB	±0.9 dB
R8S30U-50	50 dB	±0.9 dB
R8S30U-60	60 dB	±1.0 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 60°C. Reference Curve,derate linearly to 3W at 100°C.

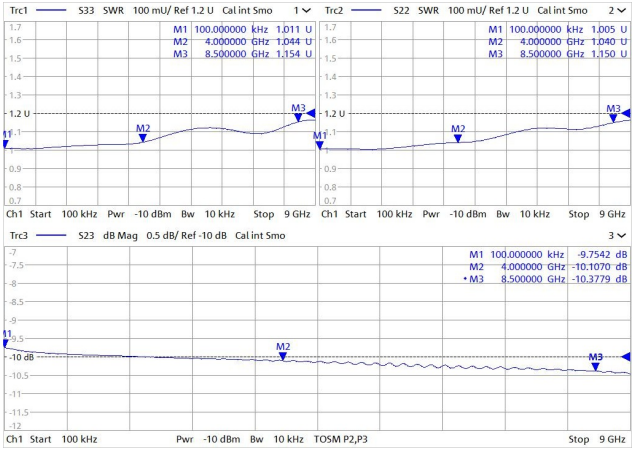


SMA Coaxial Fixed Attenuator, R8S30U-XX
DC-8.5GHz, 30W, 1-60dB, Unidirectional, Round



04 Typical Test Data

10dB



30dB

