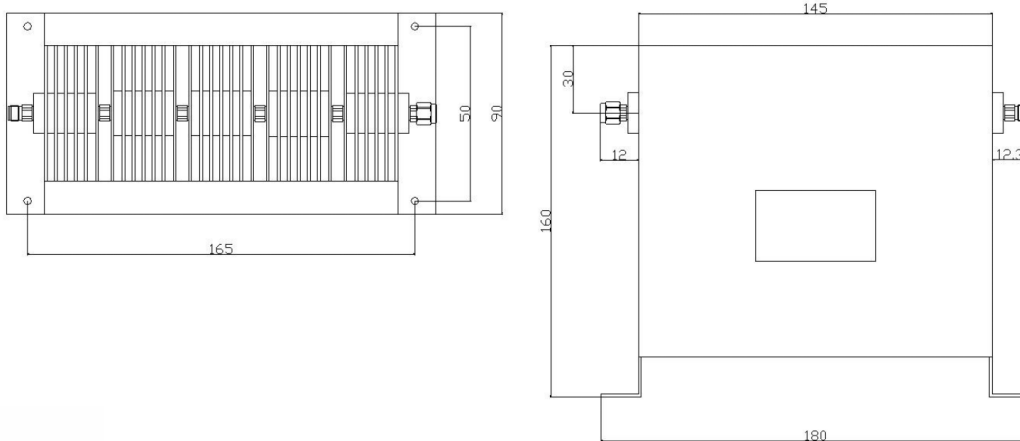


SMA Coaxial Fixed Attenuator, R27S100UAX-XX DC-26.5GHz, 100W, 20-50dB, Unidirectional, Rectangular

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-26.5GHz , 50Ohms
VSWR	1.4 Max
Input Avg Power	100W @25°C
Peak Power	1kW (5μsec pulse width, 10% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, SMA male input to SMA female output
Attenuation	20-50dB
Operating Temp	-55°C~+125°C

Product Selection, Customizable

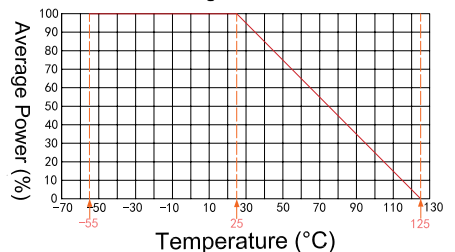
RFTOP P/N	ATTEN	Accuracy
R27S100UAX-20	20 dB	±2.0 dB
R27S100UAX-30	30 dB	±2.0 dB
R27S100UAX-40	40 dB	±2.0 dB
R27S100UAX-50	50 dB	±2.0 dB

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 10W at 100°C.

Mechanical & Product Information

Product Number	R27S100UAX-XX
Product Type	Coaxial Fixed Attenuator, P-Grade, With Fan
Connector	SMA male, SMA female
Connector Body	Passivated stainless steel
Center Contact	1.27μm Gold plated beryllium copper
Heat Sink	Black anodized aluminum+Fan
Net Weight	About 900.0g

Power derating Versus temperature



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

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