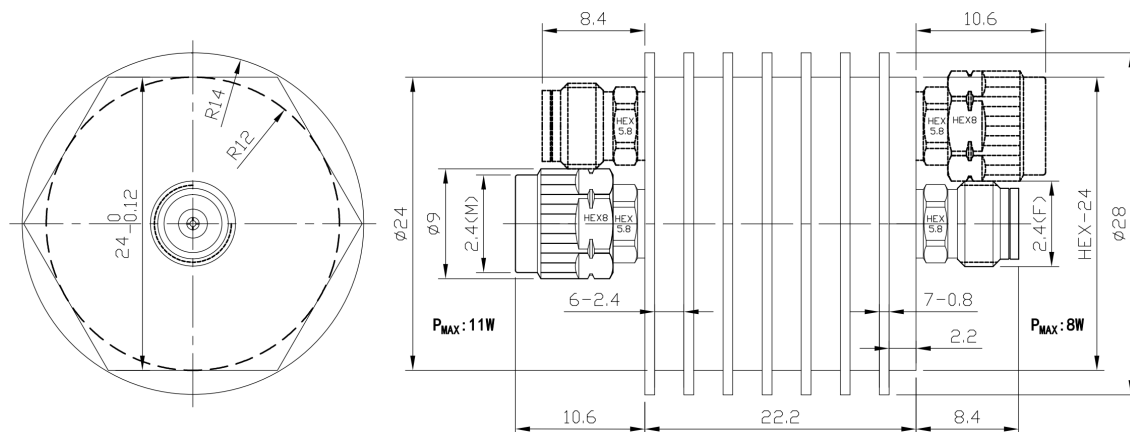




2.4mm Coaxial Fixed Attenuator, R5010U-XX

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



Electrical & Environmental

Frequency Range	DC-50GHz , 50Ohms
VSWR	1.34 Max
Input Avg Power	10W @25°C
Peak Power	100W (5μsec pulse width, 4% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, 2.4mm male input to 2.4mm female output
Attenuation	3-40dB
Operating Temp	-55°C~-+100°C

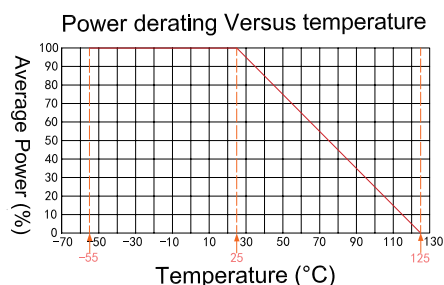
Product Selection, Customizable		
RFTOP P/N	ATTEN	Accuracy
R5010U-3	3 dB	+1.8/-1.5 dB
R5010U-6	6 dB	+1.8/-1.5 dB
R5010U-10	10 dB	+1.8/-1.5 dB
R5010U-20	20 dB	+1.5/-1.2 dB
R5010U-30	30 dB	+1.5/-1.2 dB
R5010U-40	40 dB	+1.5/-1.2 dB

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 1W at 100°C.

Mechanical & Product Information

Product Number	R5010U-XX
Product Type	Coaxial Fixed Attenuator, U-Grade
Connector	2.4mm male, 2.4mm female
Connector Body	Passivated stainless steel
Center Contact	1.27μm Gold plated beryllium copper
Heat Sink	Black anodized aluminum
Net Weight	About 35.6g

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

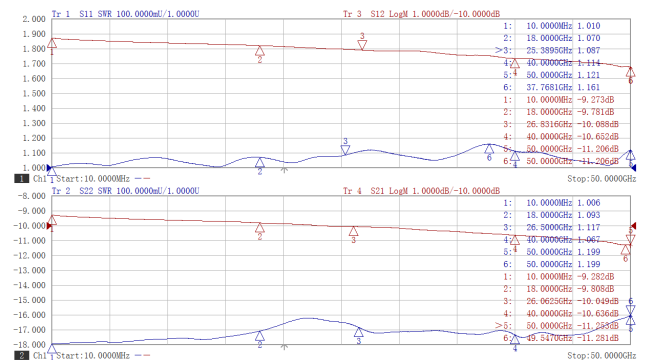




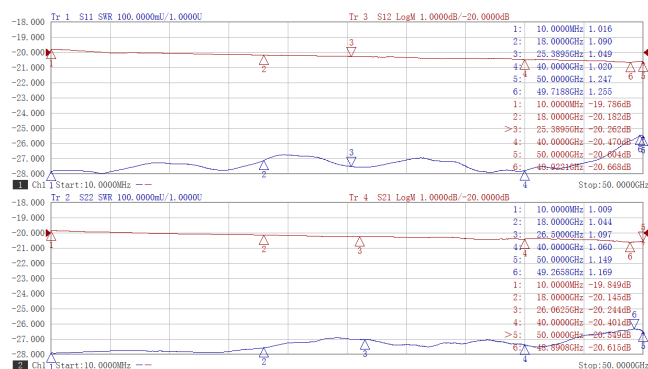
2.4mm Coaxial Fixed Attenuator, R5010U-XX DC-50GHz, 10W, 3-40dB, Unidirectional, Round

Typical Test Data

10dB



20dB



30dB

