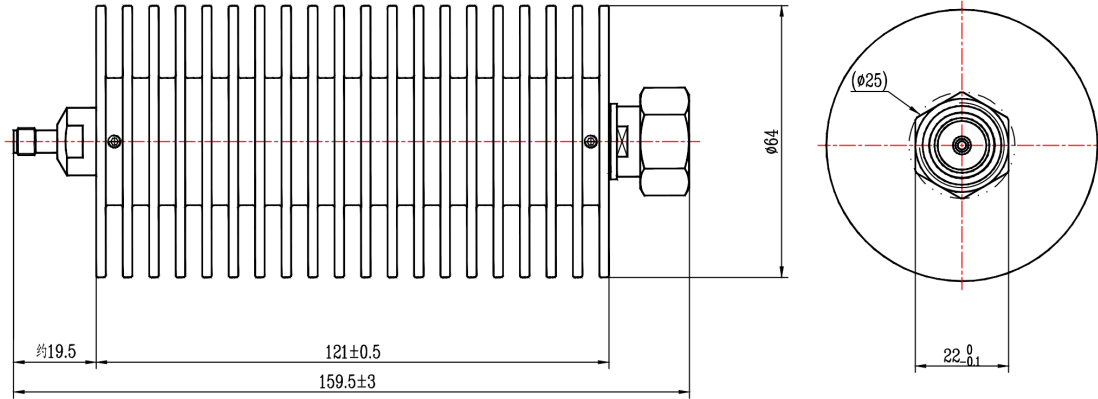


4.3-10 to SMA Coaxial Fixed Attenuator, R6PS100U-XX DC-6GHz, 100W, 6-60dB, Unidirectional, Round

Dimensions(mm) Tolerance±1%



Electrical & Environmental

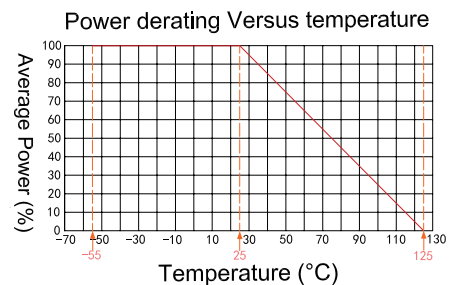
Frequency Range	DC-6GHz , 50Ohms
VSWR	1.25 Max
Input Avg Power	100W @25°C
Peak Power	1kW (5μsec pulse width, 5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, 4.3-10 male input to SMA female output
Attenuation	6-60dB
Operating Temp	-55°C~+125°C

Product Selection, Customizable		
RFTOP P/N	ATTEN	Accuracy
R6PS100U-6	6 dB	±0.8 dB
R6PS100U-10	10 dB	±0.8 dB
R6PS100U-20	20 dB	±0.8 dB
R6PS100U-25	25 dB	±0.9 dB
R6PS100U-30	30 dB	±0.9 dB
R6PS100U-40	40 dB	±0.9 dB
R6PS100U-50	50 dB	±1.0 dB
R6PS100U-60	60 dB	±1.0 dB

Mechanical & Product Information

Product Number	R6PS100U-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	4.3-10 male, SMA female
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated brass, Gold plated beryllium copper
Heat Sink	Black anodized aluminum

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 80°C. Reference Curve, derate linearly to 10W at 100°C.



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