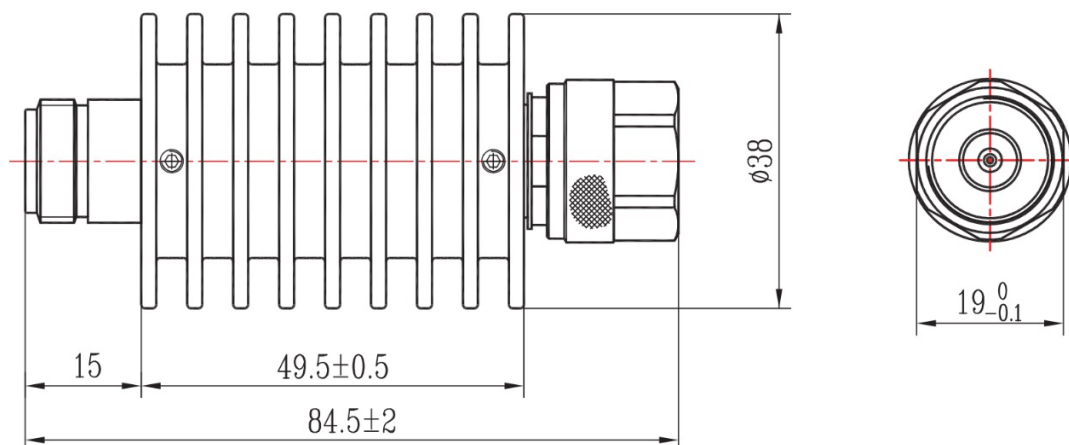


N Coaxial Fixed Attenuator, R6N25U-XX DC-6GHz, 25W, 1-60dB, Unidirectional, Round



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



Electrical & Environmental

Frequency Range	DC-6GHz , 50Ohms
VSWR	1.25 Max
Input Avg Power	25W @25°C
Peak Power	800W (5 μ sec pulse width, 1.5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, N male to N female
Attenuation	1-60dB
Operating Temp	-55°C~+125°C

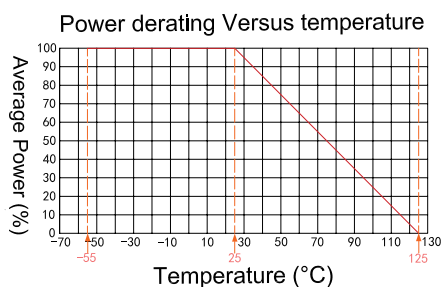
Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
R6N25U-3	3 dB	± 0.5 dB
R6N25U-6	6 dB	± 0.5 dB
R6N25U-10	10 dB	± 0.5 dB
R6N25U-20	20 dB	± 0.6 dB
R6N25U-30	30 dB	± 0.8 dB
R6N25U-40	40 dB	± 0.8 dB
R6N25U-50	50 dB	± 0.8 dB

Mechanical & Product Information

Product Number	R6N25U-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	N male, N female
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated brass, Gold plated beryllium copper
Heat Sink	Black anodized aluminum
Net Weight	About 135.0g

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 3W at 100°C.



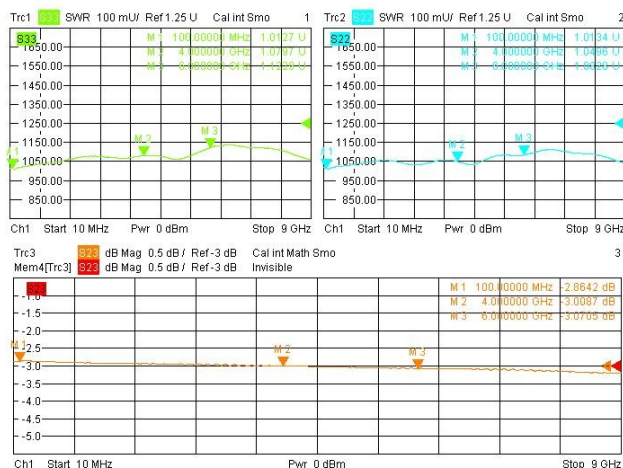
1. Customized connectors, dimensions, directionality, PIM, dB values.
2. Refer to the RFTOP attenuator selection and usage guide.

N Coaxial Fixed Attenuator, R6N25U-XX DC-6GHz, 25W, 1-60dB, Unidirectional, Round

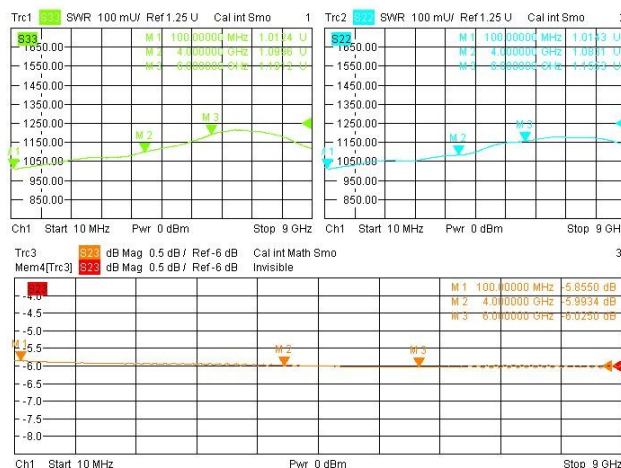


Typical Test Data

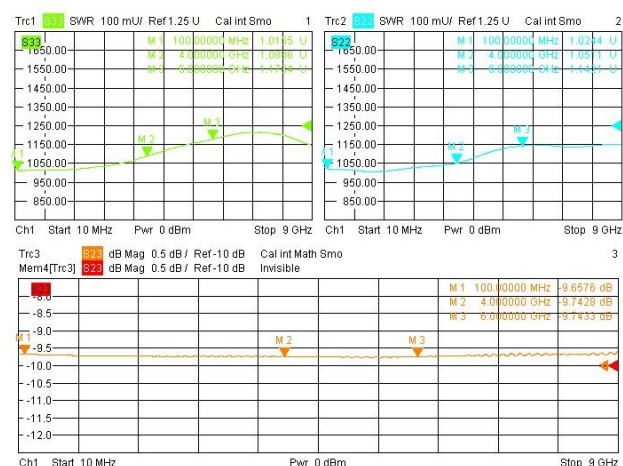
3dB



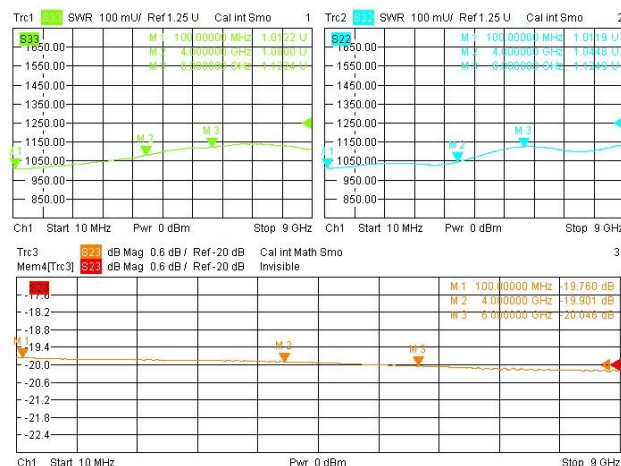
6dB



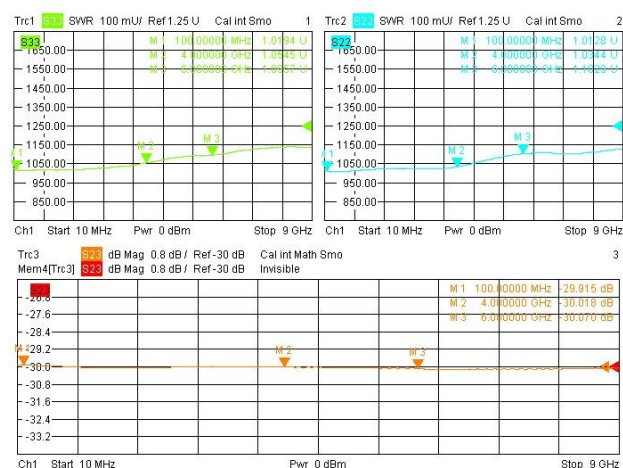
10dB



20dB



30dB



40dB

