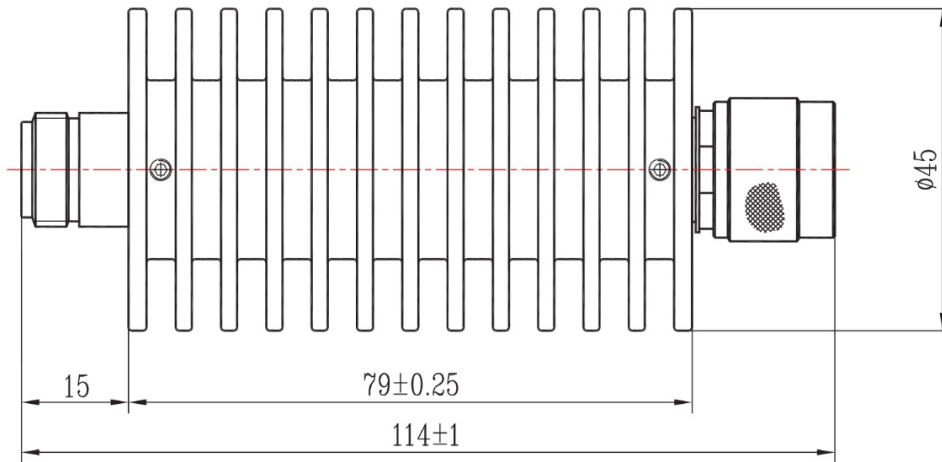




N Coaxial Fixed Attenuator, R6N50-XX DC-6GHz, 50W, 1-40dB, Bidirectional, Round

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-6GHz , 50Ohms
VSWR	1.25 Max
Input Avg Power	50W @25°C
Peak Power	800W (5μsec pulse width, 3% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, N male to N female
Attenuation	1-40dB
Operating Temp	-55°C~+100°C

Product Selection, Customizable

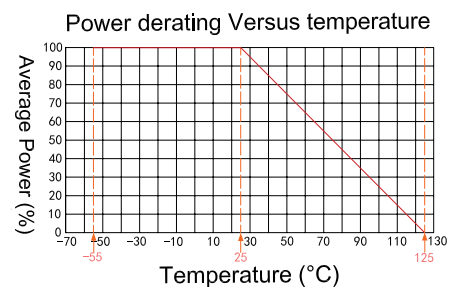
RFTOP P/N	ATTEN	Accuracy
R6N50-3	3 dB	±0.5 dB
R6N50-6	6 dB	±0.5 dB
R6N50-10	10 dB	±0.5 dB
R6N50-20	20 dB	±0.6 dB
R6N50-30	30 dB	±0.8 dB
R6N50-40	40 dB	±0.8 dB

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 80°C. Reference Curve, derate linearly to 5W at 100°C.

Mechanical & Product Information

Product Number	R6N50-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 235.0g

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



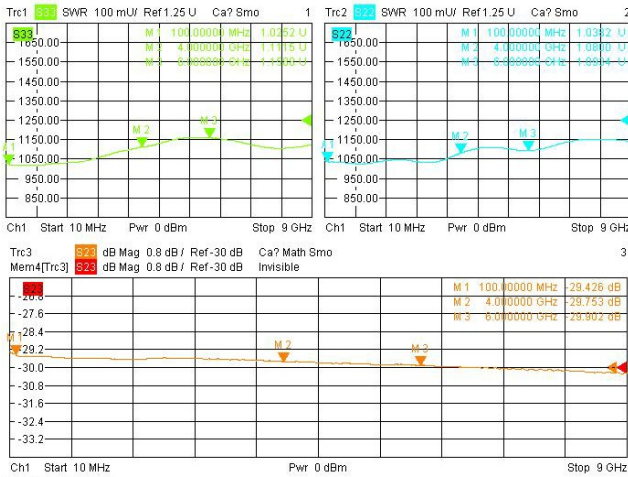


N Coaxial Fixed Attenuator, R6N50-XX

DC-6GHz, 50W, 1-40dB, Bidirectional, Round

Typical Test Data

30dB



40dB

