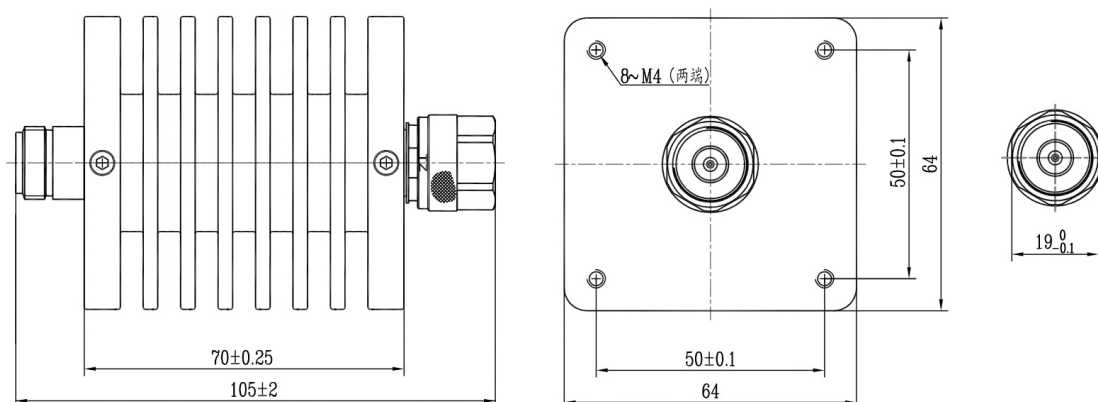


N Coaxial Fixed Attenuator, **R18N50UAB-XX** DC-18GHz, 50W, 1-50dB, Unidirectional, Rectangular

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



Electrical & Environmental

Frequency Range	DC-18GHz , 50Ohms
VSWR	1.45 Max
Input Avg Power	50W @25°C
Peak Power	500W (5μsec pulse width, 5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, N male to N female
Attenuation	1-50dB
Operating Temp	-55°C~+125°C

Product Selection , Customizable

RFTOP P/N	ATTEN	Accuracy
R18N50UAB-3	3 dB	± 0.8 dB
R18N50UAB-6	6 dB	± 0.8 dB
R18N50UAB-10	10 dB	± 0.8 dB
R18N50UAB-20	20 dB	± 0.9 dB
R18N50UAB-30	30 dB	± 1.1 dB
R18N50UAB-40	40 dB	$\pm 1.2-1.3$ dB
R18N50UAB-50	50 dB	$\pm 1.2-1.3$ dB

Mechanical & Product Information

Product Number	R18N50UAB-XX
Product Type	Coaxial Fixed Attenuator, P-Grade, Miniature Size
Connector	N male, N female
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass, Gold plated beryllium copper
Heat Sink	Black anodized aluminum

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

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 5W at 100°C.

