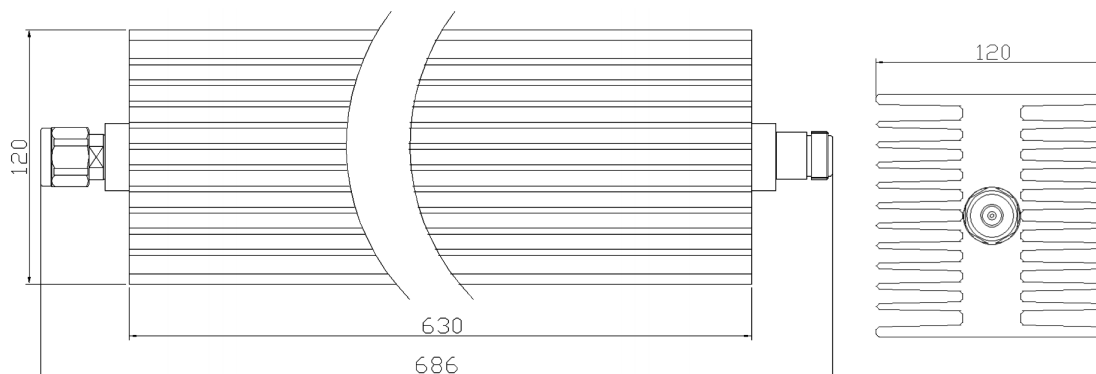


N Coaxial Fixed Attenuator, **R18N500UAX-XX** DC-18GHz, 500W, 30-40dB, Unidirectional, Rectangular

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



Electrical & Environmental

Frequency Range	DC-18GHz , 50Ohms
VSWR	1.6 Max
Input Avg Power	500W @25°C
Peak Power	2kW (5μsec pulse width, 5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, N male input to N female output
Attenuation	30-40dB
Operating Temp	-55°C~+125°C

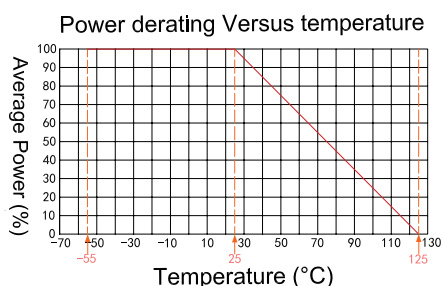
Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
R18N500UAX-30	30 dB	+3.0/-4.0 dB
R18N500UAX-40	40 dB	+3.0/-4.0 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 50W at 100°C.

Mechanical & Product Information

Product Number	R18N500UAX-XX
Product Type	Coaxial Fixed Attenuator, P-Grade, Anti-pulse
Connector	N male, N female
Connector Body	Passivated stainless steel
Center Contact	1.27μm Gold plated brass / 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.