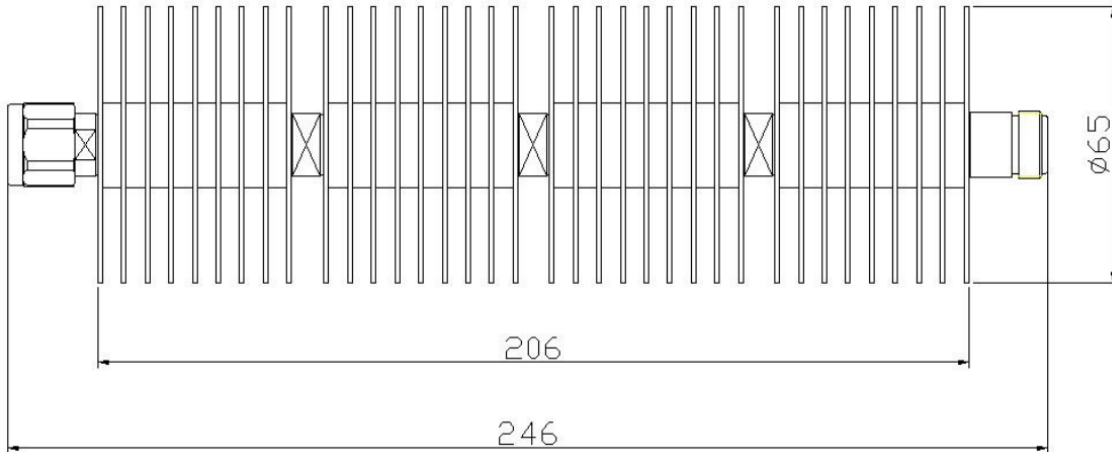


## N Coaxial Fixed Attenuator, R18N100UX-XX DC-18GHz, 100W, 10-40dB, Unidirectional, Round

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

Frequency Range	DC-18GHz , 50Ohms
VSWR	1.45 Max
Input Avg Power	100W @25°C
Peak Power	1kW (5μsec pulse width, 10% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, N male input to N female output
Attenuation	10-40dB
Operating Temp	-55°C~+125°C

### Product Selection, Customizable

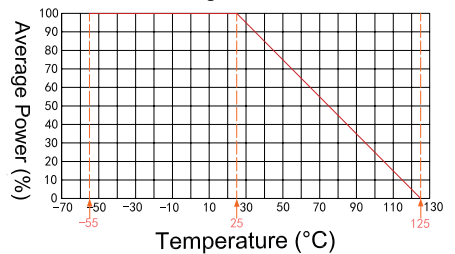
RFTOP P/N	ATTEN	Accuracy
R18N100UX-10	10 dB	+2.5/-2.0 dB
R18N100UX-20	20 dB	±2.0 dB
R18N100UX-30	30 dB	+2.0/-1.2 dB
R18N100UX-40	40 dB	+2.0/-1.2 dB

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 10W at 100°C.

### Mechanical & Product Information

Product Number	R18N100UX-XX
Product Type	Coaxial Fixed Attenuator, JP-Grade
Connector	N male, N female
Connector Body	Passivated stainless steel
Center Contact	1.27μm Gold plated brass / beryllium copper
Heat Sink	Black anodized aluminum

Power derating Versus temperature



1. Customized connectors, dimensions, directionality, PIM, dB values.

2. Refer to the RFTOP attenuator selection and usage guide.