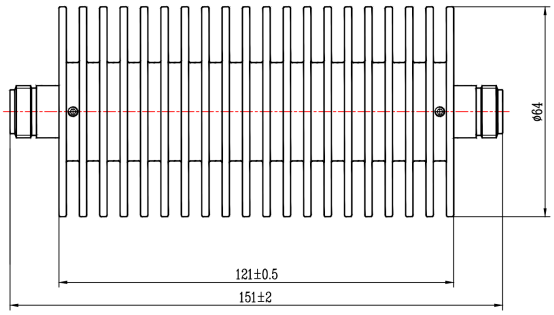


N Coaxial Fixed Attenuator, R12N100FFU-XX
DC-12.4GHz, 100W, 6-60dB, Unidirectional, Round

01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-12.4GHz , 50Ohms
VSWR	1.35 Max
Input Avg Power	100W @25°C
Peak Power	1kW (5μsec pulse width, 5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, N female imput to N female output
Attenuation	6-60dB
Operating Temp	-55°C~+125°C

03

Mechanical & Product Information

Product Number	R12N100FFU-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	N female, N female
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated beryllium copper
Heat Sink	Black anodized aluminum
Net Weight	About 558.0g

Product Selection		
RFTOP P/N	**ATTEN**	**Accuracy**
R12N100FFU-6	6 dB	±0.9 dB
R12N100FFU-10	10 dB	±0.9 dB
R12N100FFU-20	20 dB	±0.9 dB
R12N100FFU-30	30 dB	±1.0 dB
R12N100FFU-40	40 dB	±1.0 dB
R12N100FFU-50	50 dB	±1.0 dB
R12N100FFU-60	60 dB	±1.1 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.

