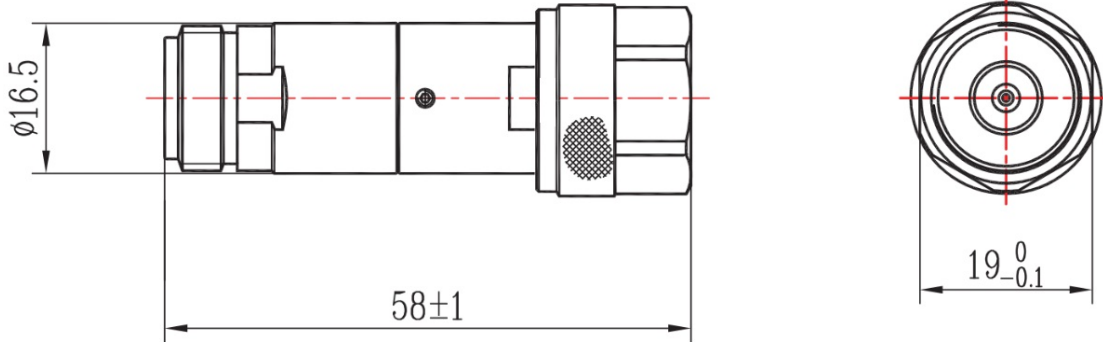




N Coaxial Fixed Attenuator, R12N5-XX
DC-12.4GHz, 5W, 1-60dB, Bidirectional, Round

Dimensions(mm) Tolerance±1%



Electrical & Environmental

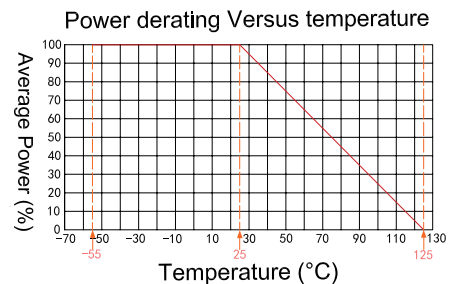
Frequency Range	DC-12.4GHz , 50Ohms
VSWR	1.3 Max
Input Avg Power	5W @25°C
Peak Power	500W (5μsec pulse width, 0.5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, N male to N female
Attenuation	1-60dB
Operating Temp	-55°C~+125°C

Product Selection, Customizable		
RFTOP P/N	ATTEN	Accuracy
R12N5-3	3 dB	±0.6 dB
R12N5-6	6 dB	±0.6 dB
R12N5-10	10 dB	±0.6 dB
R12N5-20	20 dB	±0.7 dB
R12N5-30	30 dB	±0.8 dB
R12N5-40	40 dB	±0.9 dB
R12N5-50	50 dB	±1.0 dB
R12N5-60	60 dB	±1.2 dB

Mechanical & Product Information

Product Number	R12N5-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	N/A
Net Weight	About 70.0g

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 0.5W at 100°C.



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



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Typical Test Data

