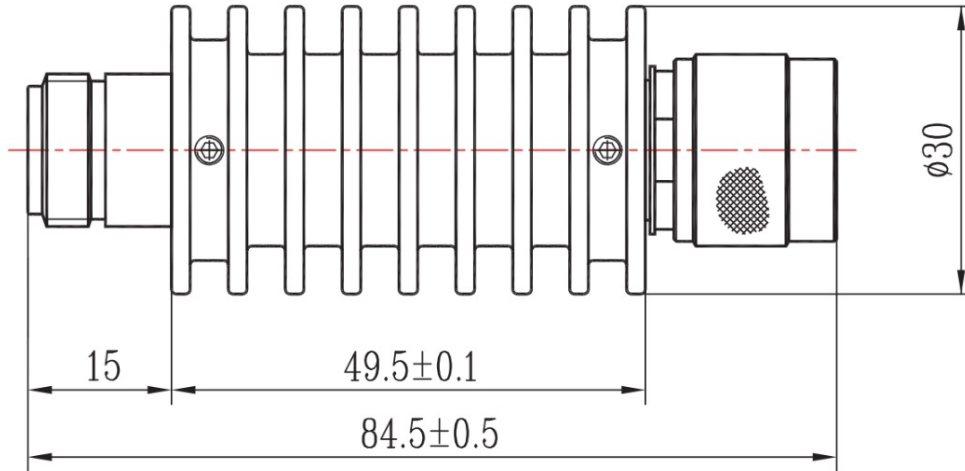




## N Coaxial Fixed Attenuator, R6N15-XX DC-6GHz, 15W, 1-40dB, Bidirectional, Round

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

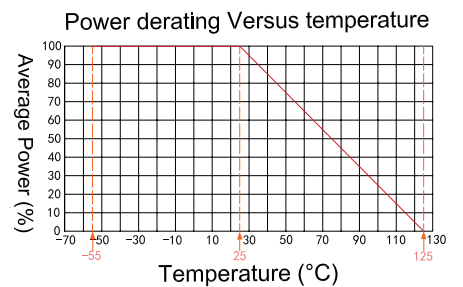
<b>Frequency Range</b>	DC-6GHz , 50Ohms
<b>VSWR</b>	1.25 Max
<b>Input Avg Power</b>	15W @25°C
<b>Peak Power</b>	500W (5µsec pulse width, 1% duty cycle)
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C
<b>Direction</b>	Bidirectional, N male to N female
<b>Attenuation</b>	1-40dB
<b>Operating Temp</b>	-55°C~+125°C

Product Selection, Customizable		
RFTOP P/N	ATTEN	Accuracy
R6N15-3	3 dB	±0.5 dB
R6N15-6	6 dB	±0.5 dB
R6N15-10	10 dB	±0.5 dB
R6N15-20	20 dB	±0.6 dB
R6N15-30	30 dB	±0.8 dB
R6N15-40	40 dB	±0.8 dB

### Mechanical & Product Information

<b>Product Number</b>	R6N15-XX
<b>Product Type</b>	Coaxial Fixed Attenuator, P-Grade
<b>Connector</b>	N male, N female
<b>Connector Body</b>	Ternary alloy plated brass
<b>Center Contact</b>	Gold plated brass, Gold plated beryllium copper
<b>Heat Sink</b>	Black anodized aluminum
<b>Net Weight</b>	About 115.0g

**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 2W at 100°C.



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

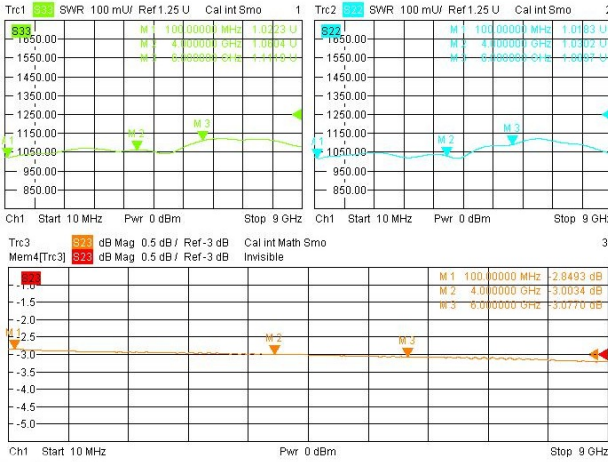


# N Coaxial Fixed Attenuator, R6N15-XX

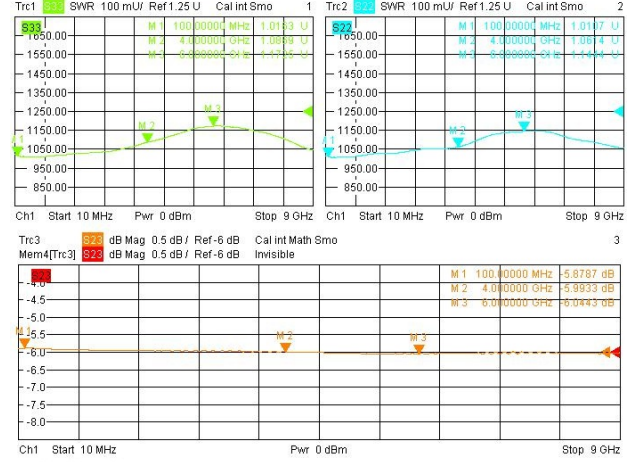
## DC-6GHz, 15W, 1-40dB, Bidirectional, Round

### Typical Test Data

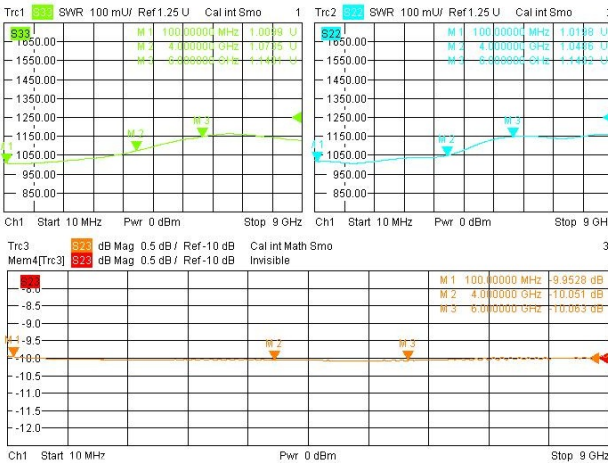
3dB



6dB



10dB



30dB

