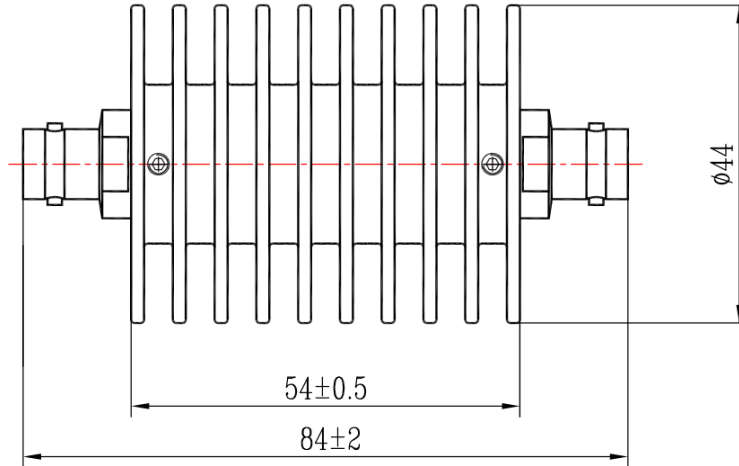




## BNC Coaxial Fixed Attenuator, R6B25FF-XX DC-6GHz, 25W, 1-60dB, Unidirectional, Round

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



### Electrical & Environmental

<b>Frequency Range</b>	DC-6GHz , 50Ohms
<b>VSWR</b>	1.25 Max
<b>Input Avg Power</b>	25W @25°C
<b>Peak Power</b>	500W (5 $\mu$ sec pulse width, 2.5% duty cycle)
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C
<b>Direction</b>	Unidirectional, BNC female input to BNC female output
<b>Attenuation</b>	1-60dB
<b>Operating Temp</b>	-55°C~+125°C

### Product Selection, Customizable

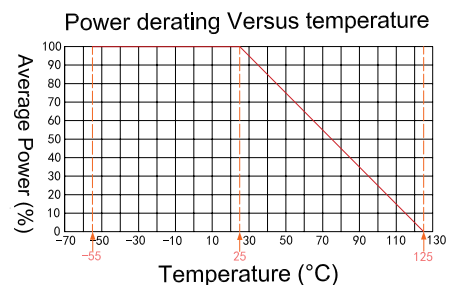
RFTOP P/N	ATTEN	Accuracy
R6B25FF-3	3 dB	$\pm 0.5$ dB
R6B25FF-6	6 dB	$\pm 0.5$ dB
R6B25FF-10	10 dB	$\pm 0.5$ dB
R6B25FF-20	20 dB	$\pm 0.6$ dB
R6B25FF-30	30 dB	$\pm 0.8$ dB
R6B25FF-40	40 dB	$\pm 0.8$ dB
R6B25FF-50	50 dB	$\pm 0.8$ dB
R6B25FF-60	60 dB	$\pm 0.9$ dB

### Mechanical & Product Information

<b>Product Number</b>	R6B25FF-XX
<b>Product Type</b>	Coaxial Fixed Attenuator, P-Grade
<b>Connector</b>	BNC female, BNC female
<b>Connector Body</b>	Ternary alloy plated brass
<b>Center Contact</b>	Gold plated beryllium copper
<b>Heat Sink</b>	Black anodized aluminum
<b>Net Weight</b>	About 125.0g

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

**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 3W at 100°C.





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### Typical Test Data

