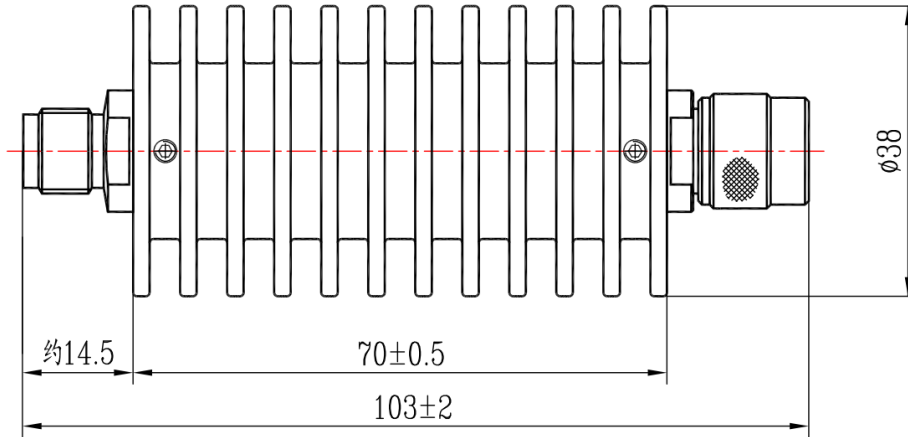


## TNC Coaxial Fixed Attenuator, R4T25-XX DC-4GHz, 25W, 1-60dB, Unidirectional, Round

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



### Electrical & Environmental

<b>Frequency Range</b>	DC-4GHz , 50Ohms
<b>VSWR</b>	1.2 Max
<b>Input Avg Power</b>	25W @25°C
<b>Peak Power</b>	500W (5μsec pulse width, 1.5% duty cycle)
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C
<b>Direction</b>	Unidirectional, TNC male input to TNC female output
<b>Attenuation</b>	1-60dB
<b>Operating Temp</b>	-55°C~+125°C

### Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
R4T25-3	3 dB	$\pm 0.4$ dB
R4T25-6	6 dB	$\pm 0.4$ dB
R4T25-10	10 dB	$\pm 0.4$ dB
R4T25-20	20 dB	$\pm 0.5$ dB
R4T25-30	30 dB	$\pm 0.6$ dB
R4T25-40	40 dB	$\pm 0.7$ dB
R4T25-50	50 dB	$\pm 0.7$ dB
R4T25-60	60 dB	$\pm 0.8$ dB

### Mechanical & Product Information

<b>Product Number</b>	R4T25-XX
<b>Product Type</b>	Coaxial Fixed Attenuator, P-Grade
<b>Connector</b>	TNC male, TNC 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

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.

