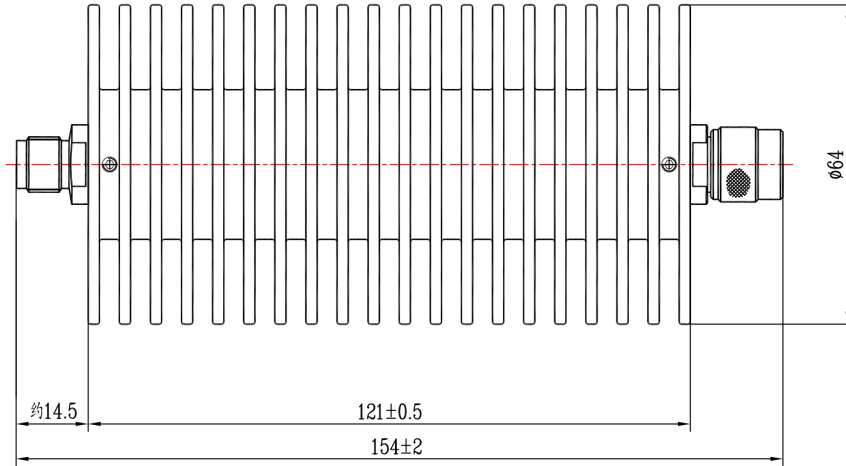


## TNC Coaxial Fixed Attenuator, R8T100U-XX DC-8.5GHz, 100W, 6-60dB, Unidirectional, Round

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

<b>Frequency Range</b>	DC-8.5GHz , 50ohms
<b>VSWR</b>	1.25 Max
<b>Input Avg Power</b>	100W @25°C
<b>Peak Power</b>	1kW (5μsec pulse width, 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>	6-60dB
<b>Operating Temp</b>	-55°C~+125°C

### Product Selection, Customizable

RFTOP P/N	ATTEN	Accuracy
R8T100U-6	6 dB	±0.7 dB
R8T100U-10	10 dB	±0.7 dB
R8T100U-20	20 dB	±0.8 dB
R8T100U-30	30 dB	±1.0 dB
R8T100U-40	40 dB	±1.15 dB
R8T100U-50	50 dB	±1.2 dB
R8T100U-60	60 dB	±1.3 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 80°C. Reference Curve, derate linearly to 10W at 100°C.

### Mechanical & Product Information

<b>Product Number</b>	R8T100U-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.

