RF ONE

Coaxial Fixed Attenuator RFH12XXTD100

DC-12.4 GHz, 1-40 dB, 100 Watts, TNC, Unidirectional

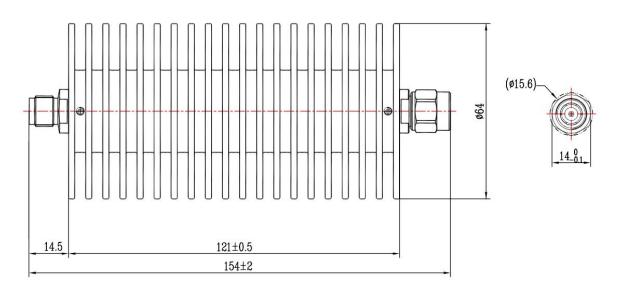**Electrical**

Impedance	50 ohm			
Frequency Range	DC-12.4 GHz			
VSWR	1.35 max			
Input Avg Power	100W@ 25℃ ambient, derating linearly to 10W at 100℃			
Peak Power	5kW (5 micro-sec pulse width, 0.5% duty cycle)			
Direction	Unidirectional, TNC male input, TNC female output (other configurations available)			

Attenuation(dB)	6-10	11-20	21-30	31-40
Accuracy(dB)	±0.75	±0.95	±1.0	±1.15

Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	About 570 g

Environmental

Operating Temperature	-55℃ to 100℃
Storage Temperature	-55℃ to 125℃
RoHS	Compliant
Temperature Coefficient	<0.0004 dB/dB/℃

Dimensions(mm)

Notes

1.Always pay attention to the direction of attenuators.

2.To maintain best performance, recommended to use fan to keep the case temperature under 85℃.

3.Customized dB values, outlines and optimal accuracy/VSWR available.

Model Description

RFH12XXTD100

1.XX for dB value: 06=6dB,30=30dB

2.Code for connector configuration:

A=female for two ends; B=male for two ends

C=female for input and male for output;

D=male for input and female for output.