Coaxial Fixed Attenuator RFH06XXTD50

DC-6 GHz, 1-50 dB, 50 Watts, TNC, Unidirectional



Rev 5

Electrical

Impedance	50 ohm
Frequency Range	DC-6 GHz
VSWR	1.25 max
Input Avg Power	50W@ 25℃ ambient, derating linearly to 5W at 100℃
Peak Power	1kW (5 micro-sec pulse width, 2% duty cycle)
Direction	Unidirectional, TNC male input, TNC female output (other configurations available)

Attenuation(dB)	1-10	20	30	40-50
Accuracy(dB)	±0.5	±0.6	±0.8	±0.8

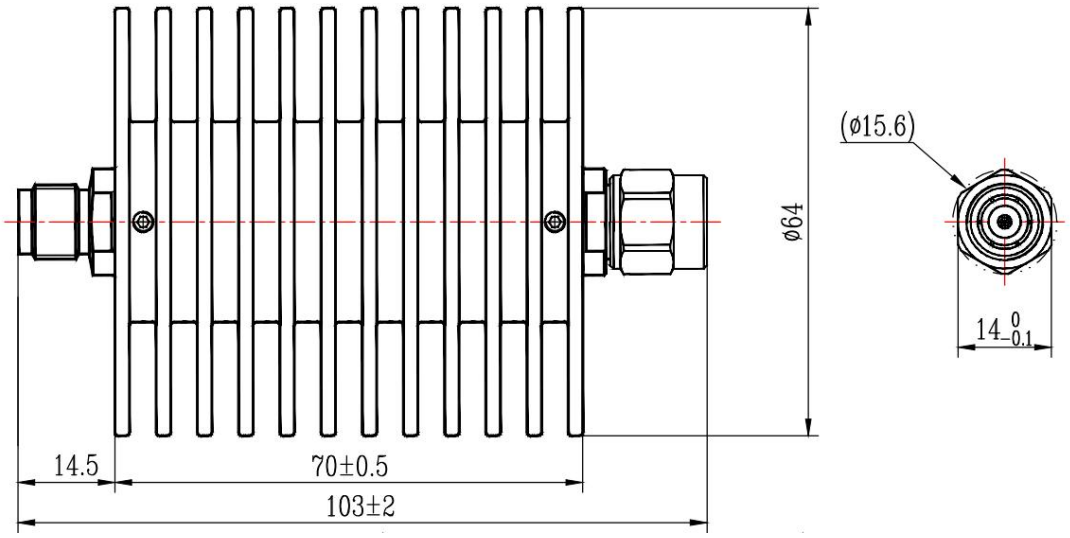
Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	About 315 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

RFH06XXTD50

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.