Coaxial Fixed Attenuator RFHB18XXTC20

DC-18 GHz, 1-40 dB, 20 Watts, TNC, Bidirectional

Rev 3

Electrical

Impedance	50 ohm
Frequency Range	DC-18 GHz
VSWR	1.45 max
Input Avg Power	20W@ 25℃ ambient, derating linearly to 2W at 100℃
Peak Power	500W (5 micro-sec pulse width, 1% duty cycle)
Direction	Bidirectional, TNC female to TNC male (other configurations available)

Attenuation(dB)	1-10	11-20	21-30	31-40
Accuracy(dB)	±0.6	±0.8	±1.0	±1.2

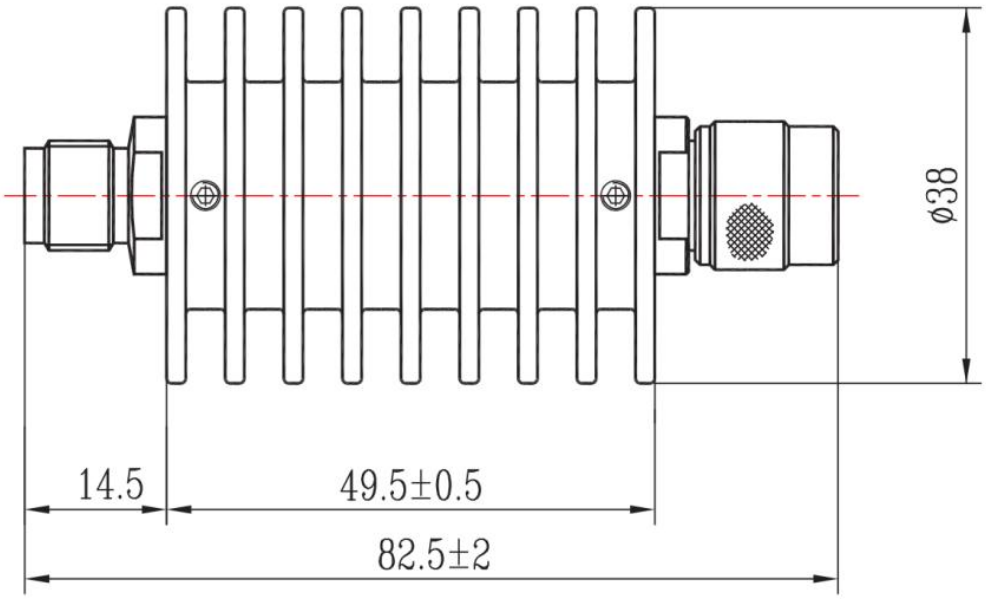
Mechanical

Connector Body	Ternary alloy plated brass
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	About 120 g

Environmental

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

Dimensions(mm)



Notes

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

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

Model Description

RFHB18XXTC20

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 one end and male for the other.