


1.85mm Coaxial Fixed Attenuator, DC-67 GHz, 2 Watts
Bidirectional, TVAC Compatible

Rev 1

Electrical

Impedance	50 ohm		
Frequency Range	DC-67 GHz		
VSWR	1.35 max		
Average Power	2W@ 25°C ambient, derating linearly to 0.2W at 100°C		
Peak Power	50W (5 micro-sec pulse width, 2% duty cycle)		
Direction	Bidirectional, 1.85mm female to 1.85mm male (other configurations available)		
Nominal Attenuation Value(dB)	1-10	20	30
Accuracy(dB)	-1.0/+1.2	-1.2/+1.2	-1.5/+1.5

Mechanical

Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper / brass
Net Weight	Approx 5g

Environmental

Operating Temperature	-55°C to +85°C
Operating Vacuum	$\leq 5 \times 10^{-6}$ mbar
Low Outgassing	Materials selected per ASTM E595 criteria (TML < 1%, CVCM < 0.1%)
Venting	Vent hole provided for rapid pressure equalization
Mechanical Shock	MIL-STD-202, Method 213, Cond. B
Random Vibration	MIL-STD-202, Method 214, Cond. A
Thermal Shock	MIL-STD-202, Method 107, Cond. B

Model Description
RFHB67XXVC2AV

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.

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Dimensions (mm)

