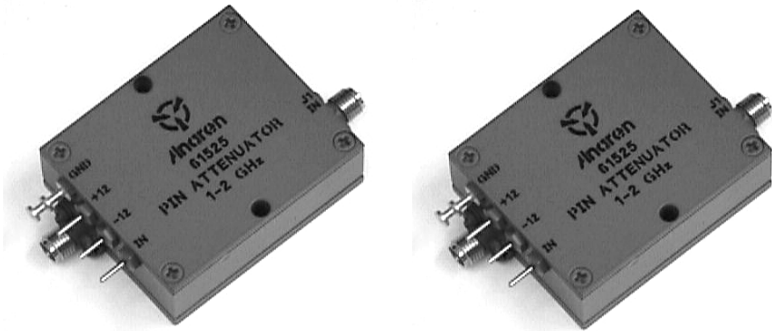


Attenuators PIN Diode

Applications

- Load Sensing Devices
- Precision Attenuation Controllers
- Instrumentation



Features

- Military Grade
- Low VSWR
- Flat Response
- Connectors Per MIL-C39012

Electrical Specifications

Model Number	Frequency	Dynamic Range	Insert. Loss
<i>Linearized¹ Current Control</i>	<i>dB Min/Typ</i>	<i>dB Max</i>	<i>Max : 1</i>
6 1525 6 1535	1.0-2.0	60	1.5
Flatness ³	Linearity ⁴	Speed	VSWR
<i>dB Max</i>	<i>dB Max</i>	<i>nanosec.</i>	<i>In. Loss/Atten :1</i>
±2.5	±3	650	1.4/1.65

Note: Impedance: 50 ohms nominal. Meets MIL-E-5400 Class 3 Requirements. Additional screening available for military and space applications. Power handling: 0.4 W @ 2 GHz. Supply Voltages: +12v @ 120 mA and -12v @ 40 ma Max. Control Voltage: 0 to 10 volts (6dB/Volt) Typical.

Electrical and Mechanical Specifications subject to change without notice.

¹Linearized models have 10,000 ohm drive impedance and 100 KHz drive bandwidth.

³Specified to 45 dB, add ±1.5 dB to 60 dB.

⁴Linearized models only.

Outline Drawing

