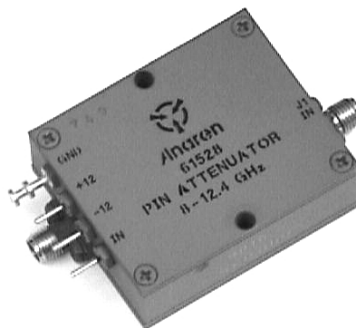


Attenuators PIN Diode

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 1528 6 1538	8.0-12.4	60	2.8
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	1.9/2.1

Note: Impedance: 50 ohms nominal.
Meets MIL-E-5400 Class 3 Requirements.
Additional screening available for military and space applications.

Electrical and Mechanical Specifications subject to change without notice.

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

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

⁴ Linearized models only.

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.

Outline Drawing

