

Variable Attenuator

DA6 & DA13

DA6: DC - 6.0 GHz
DA13: DC - 13.0 GHz

0.3 WATTS

Features

SMA stainless steel connectors per MIL-STD-348A, interface dimensions mate non-destructively with MIL-C-39012. Thru-holes for mounting. Designed to meet MIL-DTL-3933 environmental specification.

Broadband frequency coverage. High accuracy and repeatability. Control surface provided. USB interface.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DA6: DC - 6.0 GHz.
 DA13: DC - 13.0 GHz.

Power Rating: 0.3 W maximum rated average power to 25°C ambient temperature (Bidirectional).

Temperature Range:
 Operating: -55°C to +85°C
 Non-Operating: -60°C to +125°C

Construction: RoHS Compliant

Switching Speed: 100 ns

Step Size: 0.5

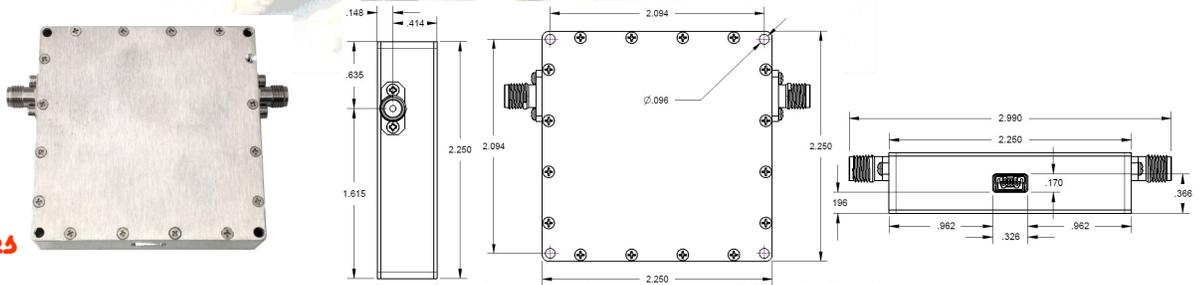
Input Power: +22 dBm

Input Third Order Intercept Point: +32 dBm

Programming Interface Options: USB 2.0

Input Power Requirements: Powered via USB

Accuracy: ± 0.5 Db



Attenuation Range: 30, 60, 90 dB

Maximum VSWR: DA6: 1.50
 DA13: 1.50

Maximum Insertion Loss:

Frequency (GHz)	Insertion Loss (dB)	
	DA6-60	DA6-90
DC - 4.0	7.0	11.0
4.0 - 6.0	9.0	13.0

Frequency (GHz)	Insertion Loss (dB)	
	DA13-60	DA13-90
DC - 4.0	8.0	12.0
4.0 - 8.0	10.0	15.0
8.0 - 13.0	12.0	18.0

Programming Interface:

Options: USB-2.0 (standard)
 (Mini-USB Connector)
 RS-232
 802.11g Wireless
 Manual Control

Software: LabView Driver
 Standalone Program

Input Power Requirement: Powered via USB
Options: AC Power Adapter
 EMI Feed thru

Dimensions and Weight:

Length: 57.2 (2.25)
 Depth: 14.2 (0.56)
 Height: 57.2 (2.25)
 Weight: 76.5 (2.7) MAX

Note: Dimensions are given in mm (in), or g (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.