



Gooch & Housego



AOM Driver
Model: CHP080-3AC-D50
P/N: 97-02910-18
Rev: B
3.0 Watt RF Driver for
Acousto-Optic Modulators

Formerly: 1080AF-AINA-3.0HCR

The CHP080-3AC-D50 provides up to 3.0 Watts of RF power for a frequency of 80 MHz.

Fully adjustable with the screw potentiometer from 0.5 to 3.0 Watts.

An analog modulation signal controls the output RF power from 0 to 100% of the adjusted maximum power.

This driver is well suited for 80 MHz AO modulators requiring moderate amounts of RF power (1.5 - 3.0 Watts). It also is a good fit for the 80 MHz fiber coupled Q-switches.

Key Features:

- Output RF power 3.0 Watts
- RF ON/OFF ratio >50 dB
- Fast Analog modulation
- Constant RF output power design
- Conductive cooling through base plate

Applications:

- AOM driver for pulse fiber laser
- AOM applications with fast modulation
- Acousto-optic Modulators

General Specifications

Modulation Input

Input Impedance	50 Ohms
Analog Input (SMC)	0 to +1.0 VDC

RF Output

Center Frequency (Fc)	80 MHz \pm 0.1%
Output Power (SMA Female)	3.0 W
Rise/Fall Time	12 nsec Typ.
RF Contrast Ratio	50 dB min
Harmonic Distortion	-20 dBc Max
Output Impedance	50 Ohms
Output VSWR	1.5 : 1 Max
Power Supply Voltage	+24 V @ 800 mA Nominal

Document

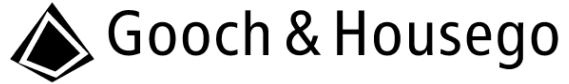
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Control

Contact: sales@goochandhousego.com www.goochandhousego.com

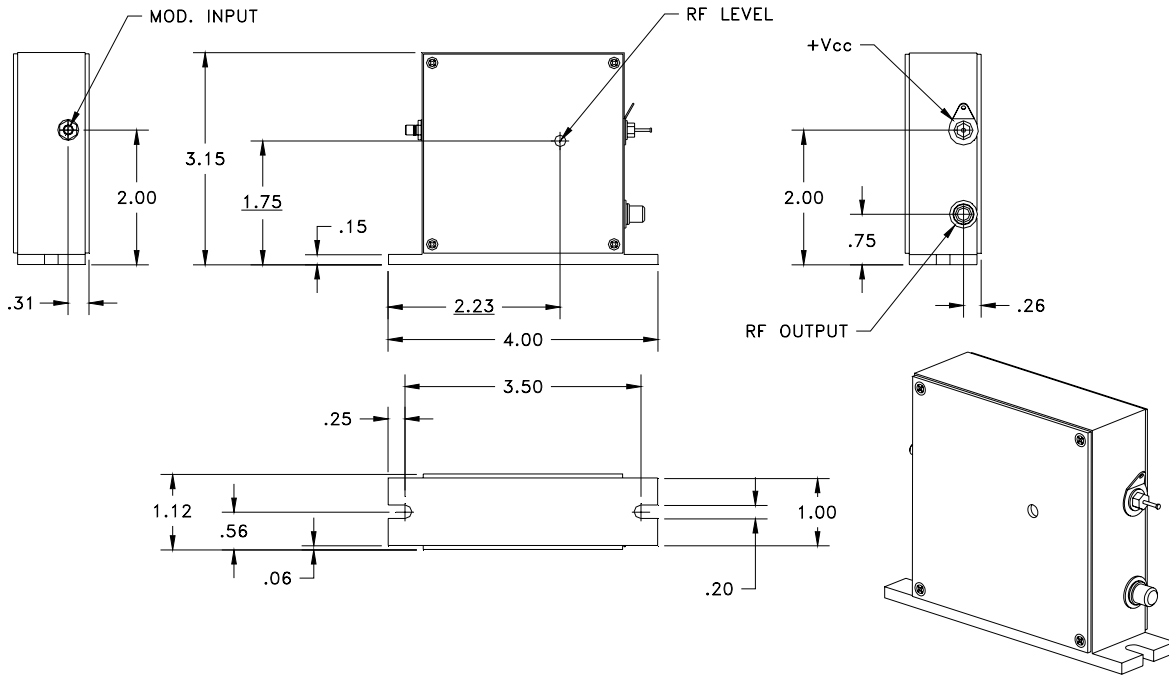
As part of our policy of continuous product improvement we reserve the right to change the specification at any time.

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Outline:

Dimensions (inches)



Ordering Information:



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Contact: sales@goochandhousego.com www.goochandhousego.com

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