

SAC1248



Slopping Amplifier Module

0.4 ~ 6GHz

Pre 1.3

Features

- Frequency: 0.4~6GHz
- Gain: 30dB@0.4GHz, 40dB@6GHz
- Supply Voltage: +15V@250mA

Typical Applications

- Radar and ECM
- RF/ Microwave Radio
- Military and Space
- Test and Measurement
- Fiber Optics

General Description

Slopping amplifier module typical small signal gain is 30dB@0.4GHz, 40 dB Gain @ 6 GHz, and a nominal OP₋₁dB of 20dBm.

Electrical Performance

Parameter	Min.	Typ.	Max.	Units	
Frequency Range	0.4~6			GHz	
Gain	0.4GHz	27.8	30	32.2	dB
	6GHz	37.8	40	42.2	
Linearity	—	—	±2.2	dB	
Input VSWR	—	—	2.5	:1	
Output VSWR	—	—	2.5	:1	
Noise Figure	—	—	4	dB	
Output Power for 1 dB Compression (OP ₋₁ dB)	20	—	—	dBm	
EMI Radiation	100	—	—	dBc	
Supply Current(I _D)	—	250	300	mA	

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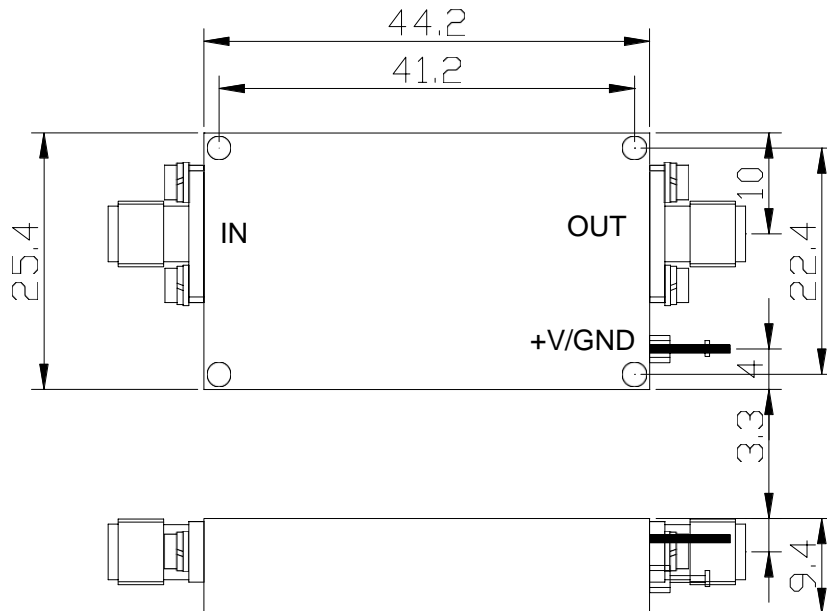
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Mechanical Outline

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