

**FEATURES: Gain 33dB typ.
Noise Figure 0.6dB typ.
Limiter protected input
On-Off switching**

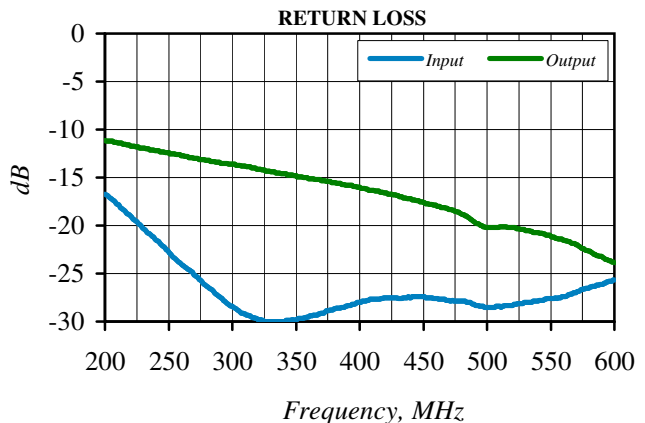
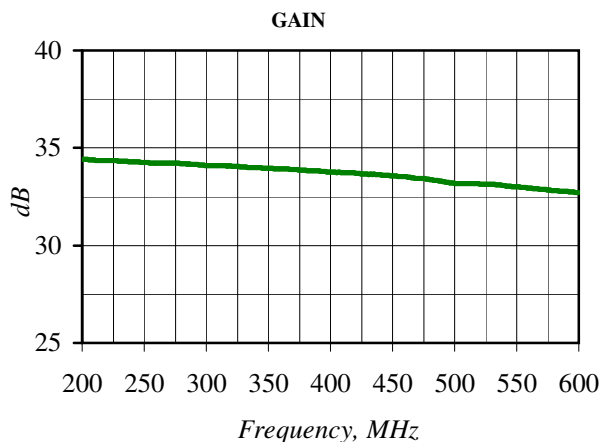
Electrical specifications at +25°C

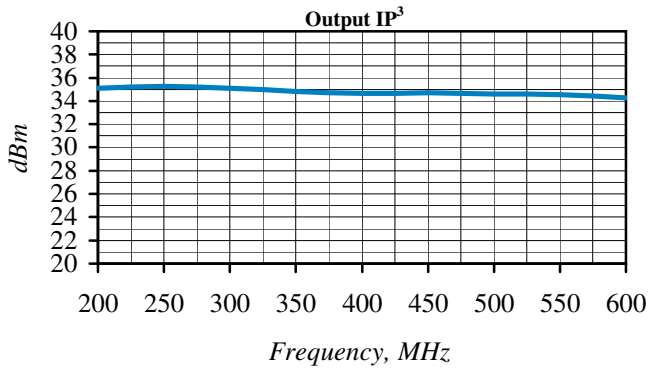
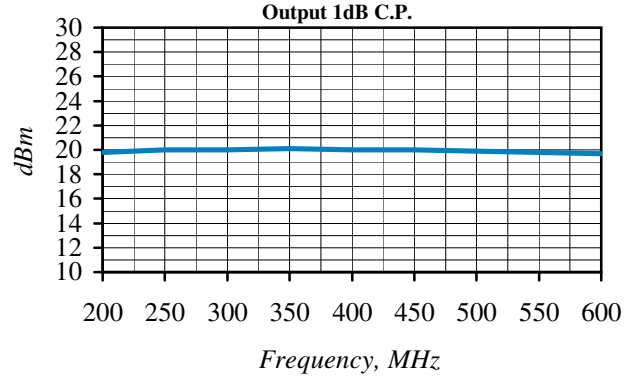
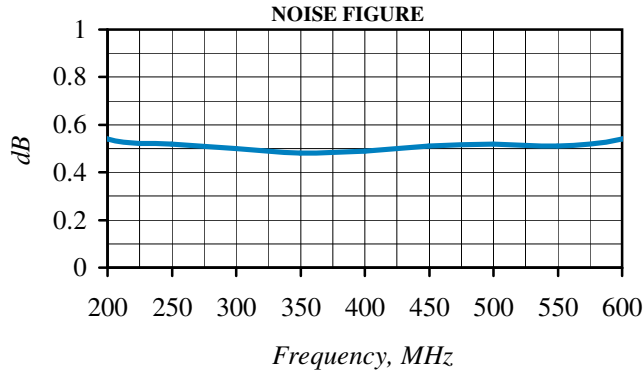
	Units	MIN	TYPICAL	MAX
Frequency	MHz	300		500
Gain	dB	30		35
Noise Figure	dB		0.6	1
Gain Flatness	dB			+/-1.5
Input VSWR				1.5:1
Output VSWR				2.0:1
Output 1dB Compression Point	dBm	16	19	
Output IP ³	dBm		34	
Input Limiter Pulsed Power handling (pulse length 100us max, DC 25% max) **	W			50
"OFF" state Isolation	dB		90	
On/off switching time(50% DC ctrl to 10 or 90% RF)*	ns		100	200
Control Signal ON	V	2	2.4	5
Control Signal OFF	V	0	0.4	0.8
Supply voltage	V		12	15
Current consumption	mA			130
Impedance	Ω		50	
Connectors			SMA Female	
Dimensions	mm		47x 25x14.5	
Absolute Maximum Ratings				
Pulsed RF Input Power	W			50
CW Input Power	W			2
Supply Voltage	V			20
Voltage at Ctrl input	V	-0.3		+5.8
Operating temperature	°C	-20		+60
Storage temperature	°C	-65		+125

*only first stage is switching

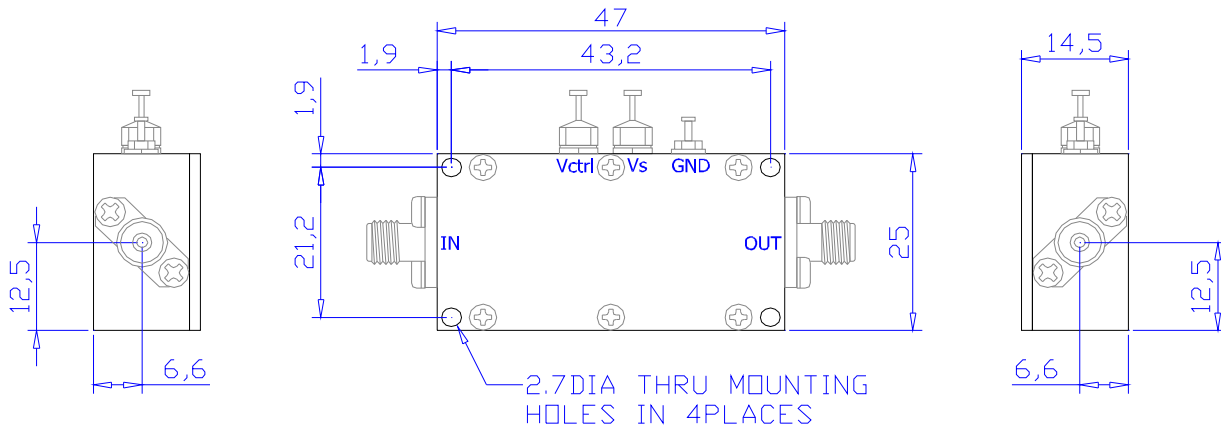
**exposure to maximum rating guaranteed up to 1minute max. Proper heat sink required

Typical Performance





Outline drawing



Specifications Subject To Change Without Notice
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