

## Low Noise Amplifier

### Key Features:

- 2.4 GHz operation
- Low 0.7 dB noise figure
- Alternate supply voltages and connectors available
- High dynamic range
- Custom mounting configurations available



Electrical Parameters	Units	Min.	Typ.	Max.
<b>@12 VDC, 25°C Baseplate</b>				
Frequency	MHz	2375		2510
Gain	dB	12.5	13.5	14.5
Flatness	+/-dB		0.25	0.5
Noise Figure	dB		0.70	0.90
Input VSWR			1.1:1	1.4:1
Output VSWR			1.1:1	1.4:1
Output Power, 1 dB Gain Comp.	dBm	17	20.0	
Input Third Order Intercept Pt.	dBm	14	17	
Bias Current	mA		100	120
Stability		Unconditional		
<b>Physical Parameters</b>				
Size	Inches	2.28" x 1.65" x 0.70"		
RF Connectors		SMA (F) Input x SMA (F) Output		
DC Connectors		Solder (Filter Feedthru)		
<b>Environmental Parameters</b>				
Operating Temperature	°C	-40		+71
Operating Altitude	Feet			50,000

