

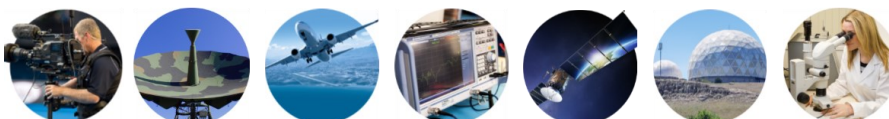
Low Noise Amplifier

0.8 to 2.2 GHz

- Low Noise Figure
- Reverse Polarity Protection
- 0.8 to 2.2 GHz Frequency Range

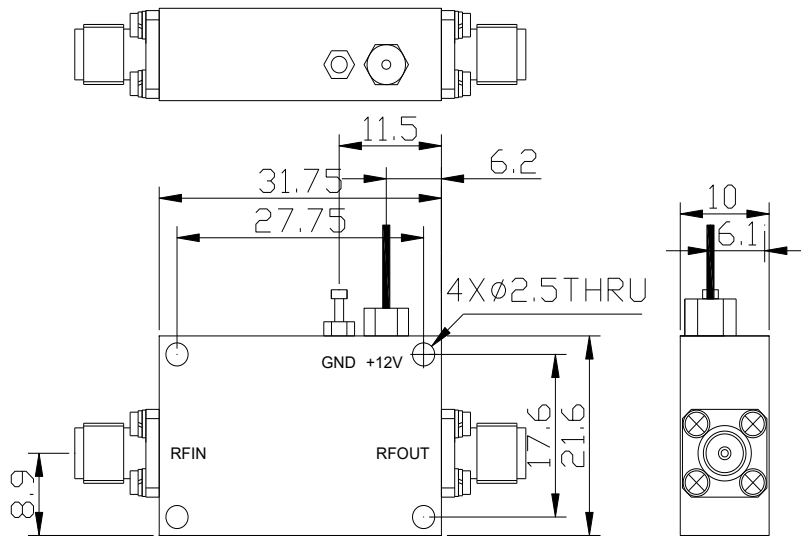
Electrical Specifications				
Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.8		2.2	GHz
VSWR IN		1.6	2.0	:1
VSWR OUT		1.1	1.5	:1
Small Signal Gain	20	21	23	dB
Gain Flatness		±0.5	±1	dB
Noise Flatness		0.8	1.0	dB
Output at 1dB Compression Point	17	19		dBm
Output at 3rd Intercept Point		35		dBm
Reverse Isolation		30		
DC Power Supply @ +12 Volts		65	80	mA
Finish	Nickel			

Environmental Conditions	
Storage Temperature	-55°C to +85°C
Operational Temperature	-40°C to 70°C
V+	+10VDC to +18VDC



Outline Drawing:

All Dimensions in mm (inches)



Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

Note 3: The case temperature of the device shall never exceed +50°C. Use proper heatsink or fan if necessary.

Note 4: Proper torque, 8.0 ± 0.15 inch-pounds (0.92 ± 0.05 Nm).

