

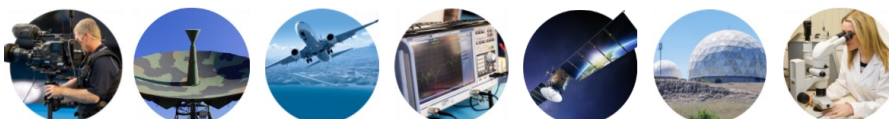
Low Noise Amplifier

1 to 18 GHz

- Low Noise Figure
- Reverse Polarity Protection
- 1 to 18 GHz Frequency Range

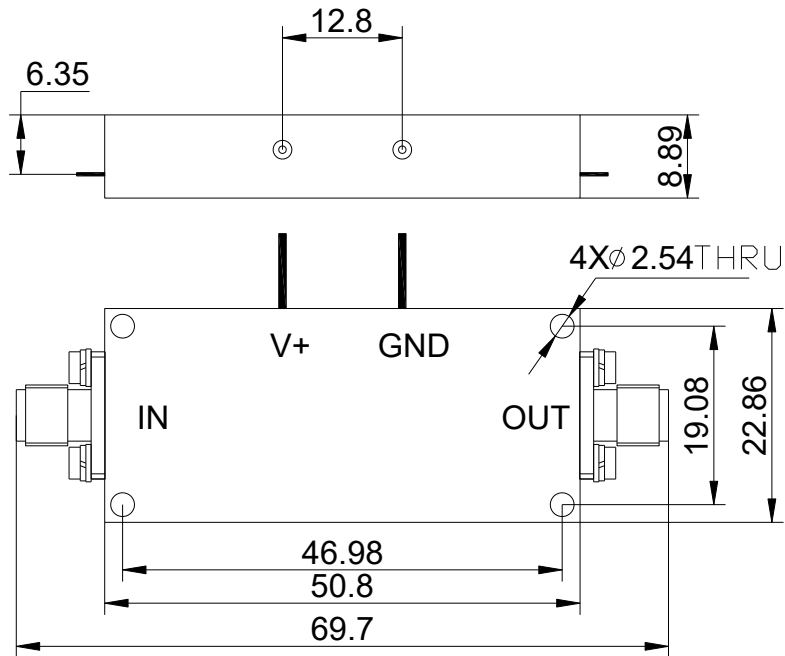
Electrical Specifications				
Parameter	Min.	Typ.	Max.	Units
Frequency Range	1		18	GHz
VSWR IN		1.8	2.2	:1
VSWR OUT		1.8	2.5	:1
Small Signal Gain	38		43	dB
Gain Flatness		±1.0	±2	dB
Noise Flatness		2.0	2.5	dB
Output at 1dB Compression Point	20	23		dBm
Output at 3rd Intercept Point		30		dBm
DC Power Supply @ +12 Volts		300	350	mA

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

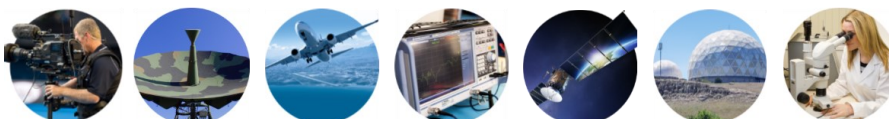
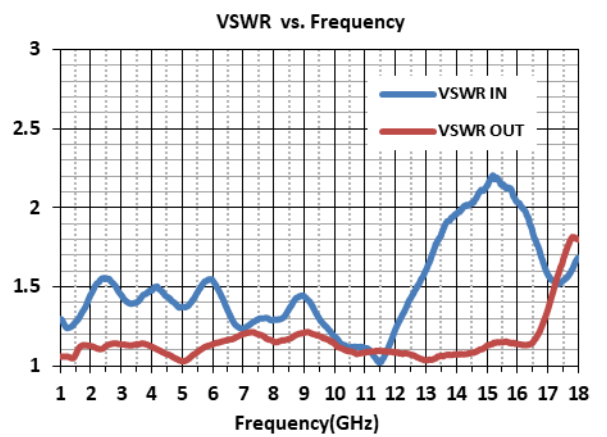
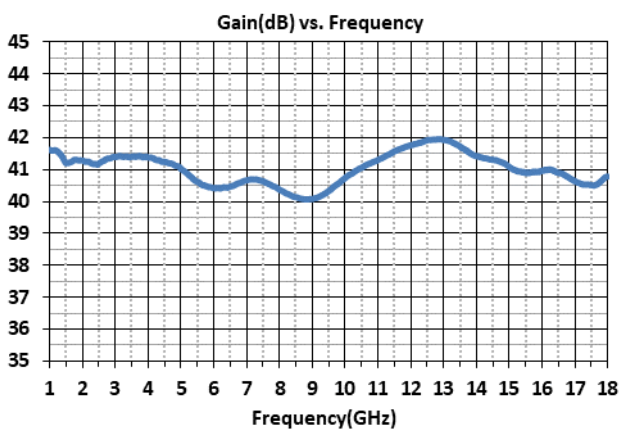


Outline Drawing:

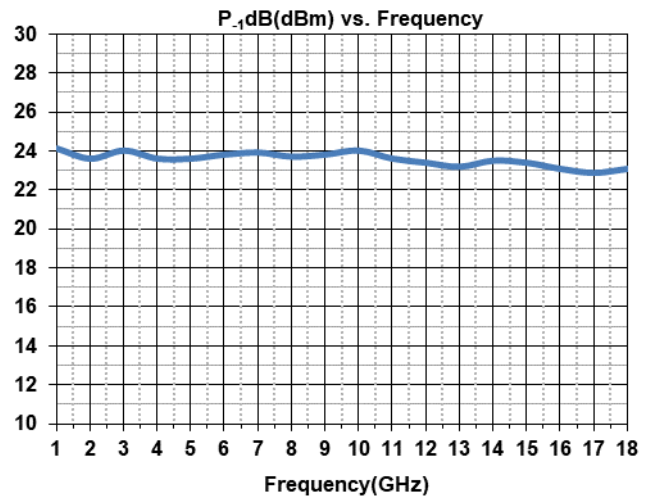
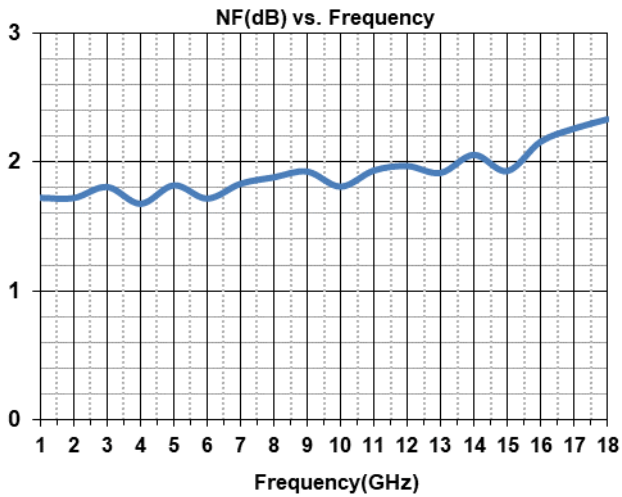
All Dimensions



Typical performance Data:



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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).

