

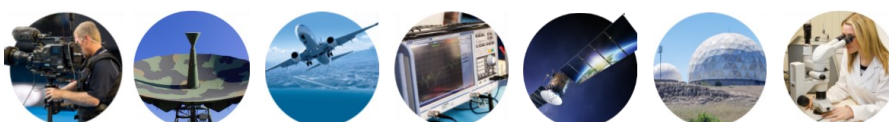
Low Noise Amplifier

18 to 26.5 GHz

- Low Noise Figure
- High Gain
- 18.6 to 26.5 GHz Frequency Range

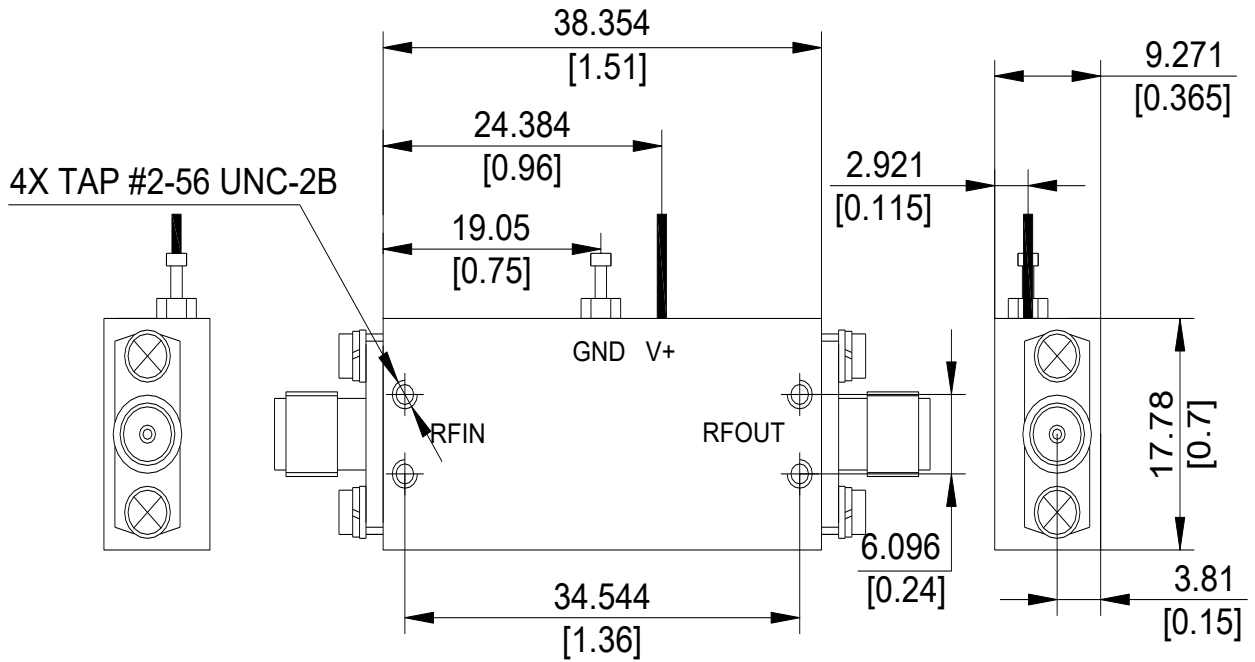
Electrical Specifications				
Parameter	Min.	Typ.	Max.	Units
Frequency Range	18		26.5	GHz
VSWR IN		1.5	2	
VSWR OUT		1.5	2	
Small Signal Gain	45		53	dB
Gain Flatness		±1.25	±1.5	dB
Noise Flatness		1.8	2.5	dB
Output at 1dB Compression Point	7	12		dBm
Output at 3rd Intercept Point		22		dBm
DC Power Supply @ +12 Volts		130	180	mA

Environmental Conditions	
Storage Temperature	-55°C to +855°C
Operational Temperature	-40°C to 70°C
V+	+8VDC to +18VDC

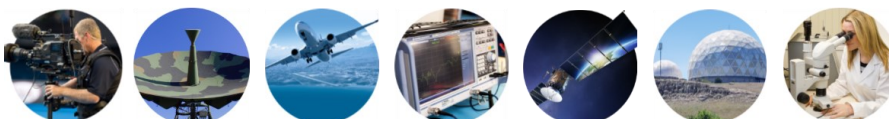
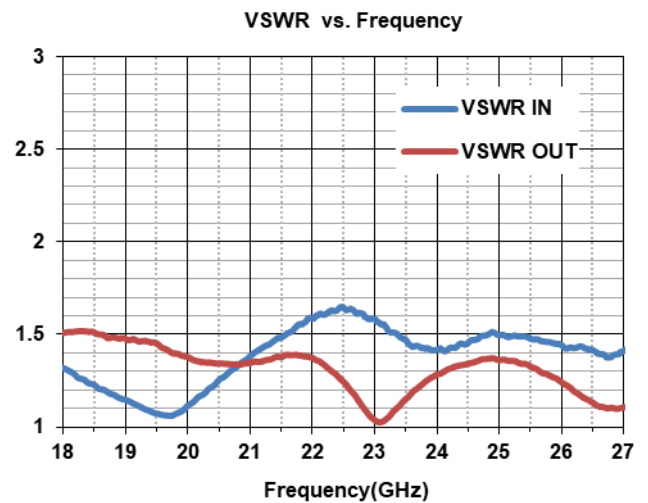
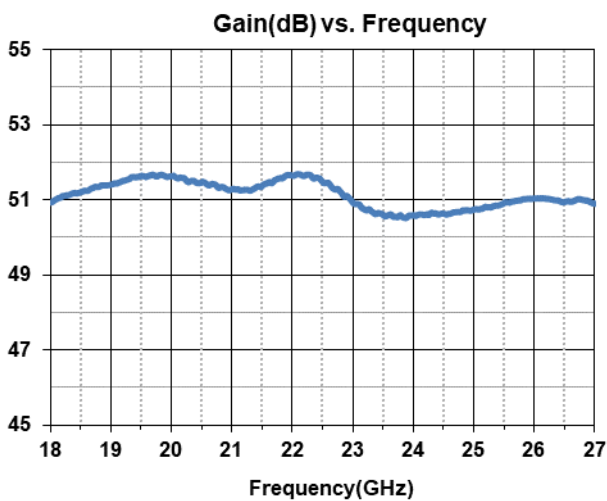


Outline Drawing:

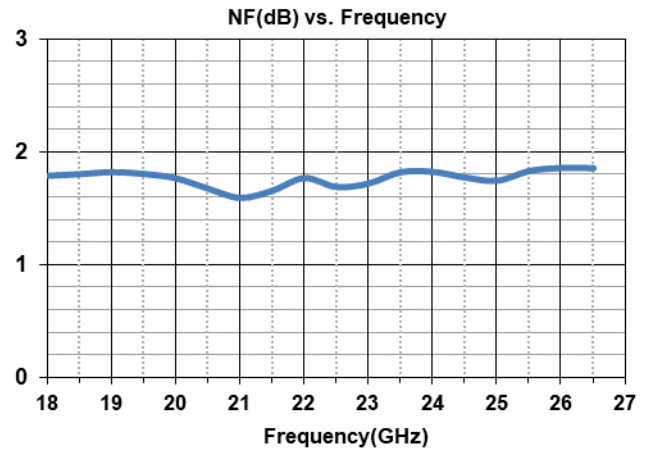
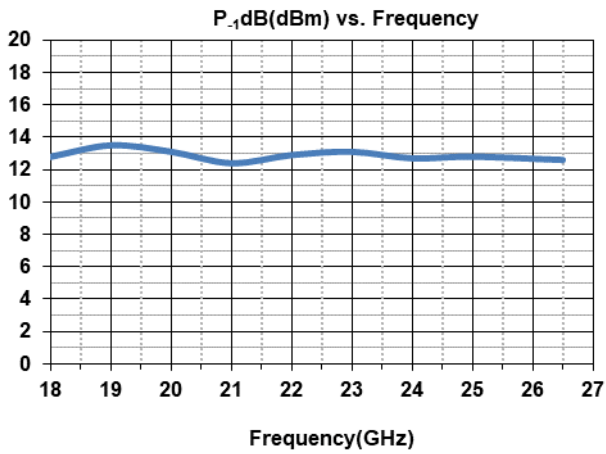
All Dimensions in mm (inches)



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).

