

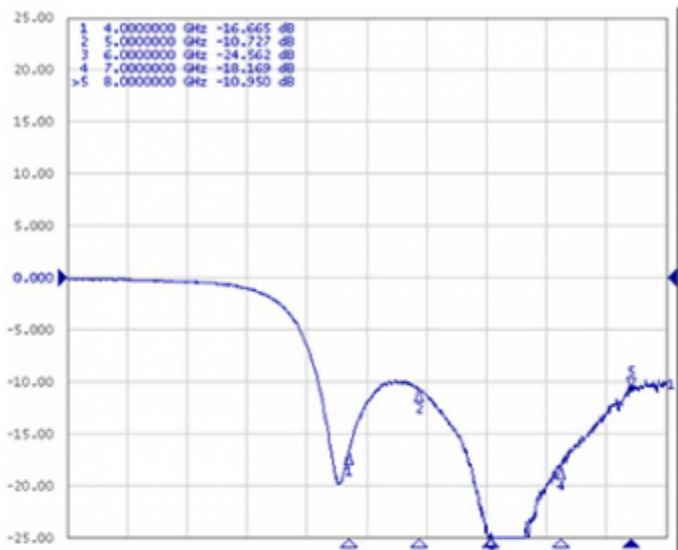
**Features:**

- Powered from coaxial cable
- 1.8 dB NF
- Excellent IP3, +28 dBm
- Small size
- Light Weight
- Customer specified gain
- ROHS compliant
- Note: Gain is set internally to match LNA gain to cable loss and receiver NF

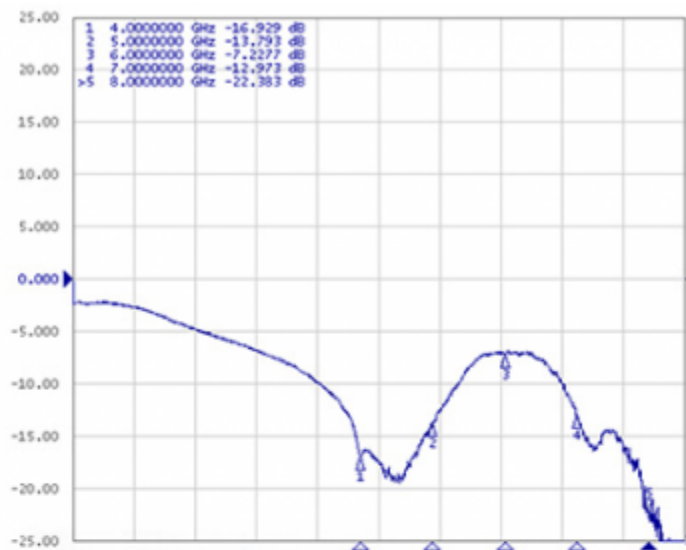


### LNA Specifications

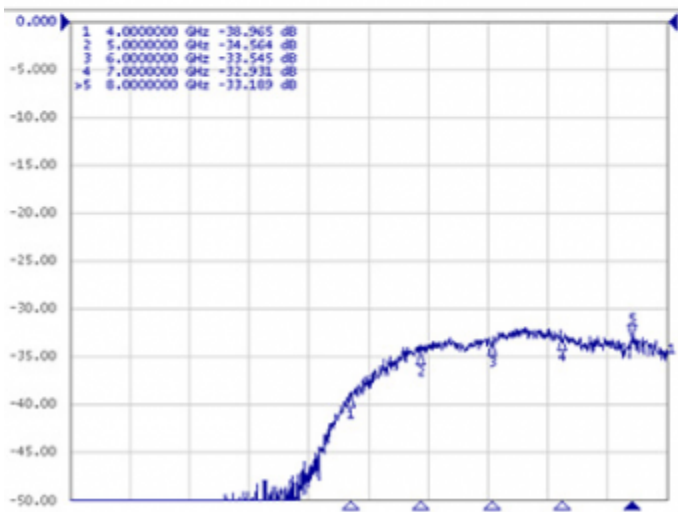
Parameter	Value	Units	Tolerance
Frequency Band	C		
LNA Impedance	50	Ohms	
LNA Connector Type	TNC		
LNA Min Frequency	4.0 / 4,000	GHz / MHz	
LNA Max Frequency	8.5 / 8,500	GHz / MHz	
LNA Gain	18	dBm	
LNA NF	1.8	dB	
Output IP3	28	dBm	
LNA DC Voltage Range	100	mA	
LNA DC Current	+3.5 to +12.0	VDC	
Product Length	3.43 / 87.12	inches / mm	
Product Diameter	1.00 / 25.40	inches / mm	
Product Weight	0.7 / 19.8	oz / grams	



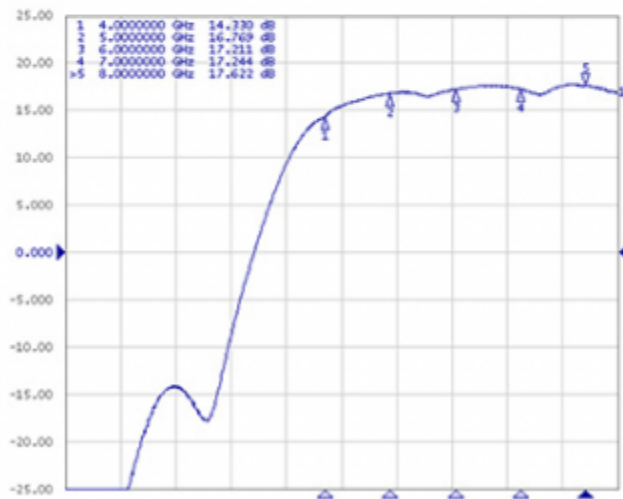
S11 (Antenna Port)



S22 (Cable Port)

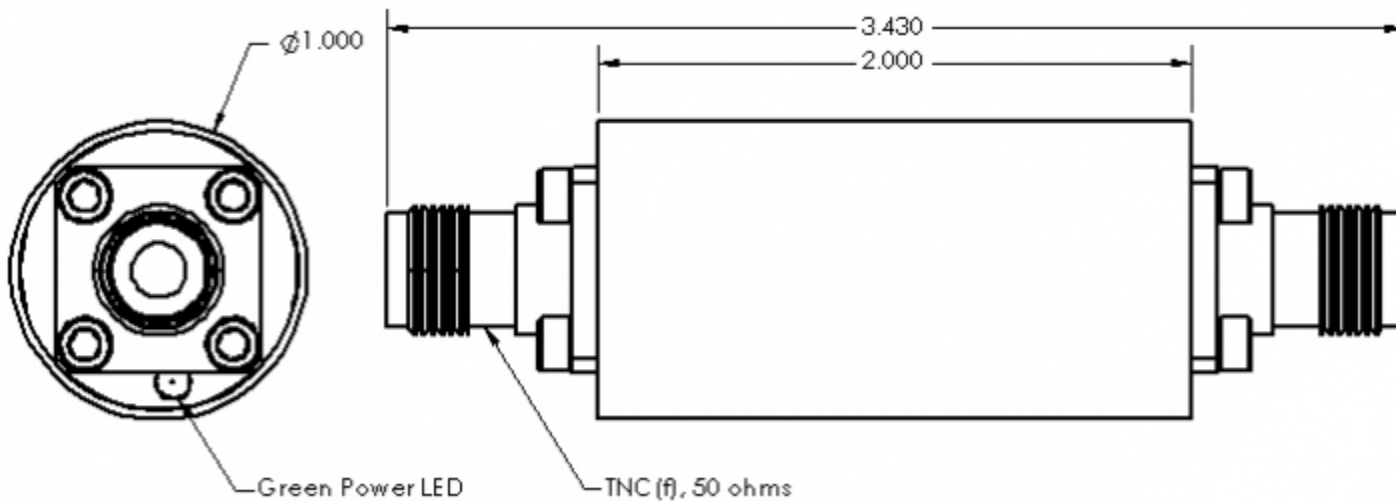


S12



S21 w 1 dB PAD

LNA Pattern



**Engineering Drawing**

Dimensions are in inches