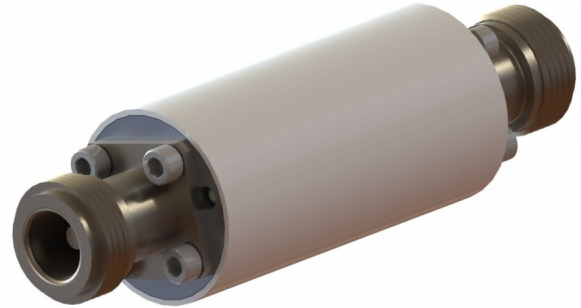


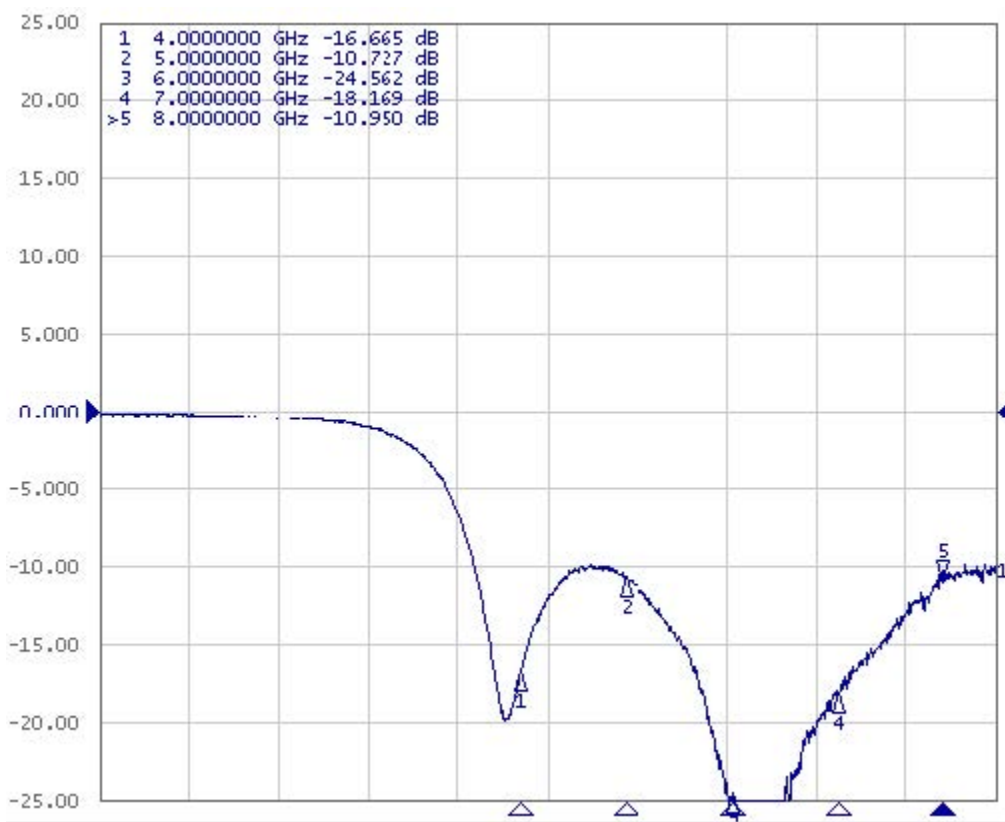
Features:

- Powered from coaxial cable
- 1.8 dB NF
- Excellent IP3, +28 dBm
- Small size
- Light Weight
- ROHS compliant

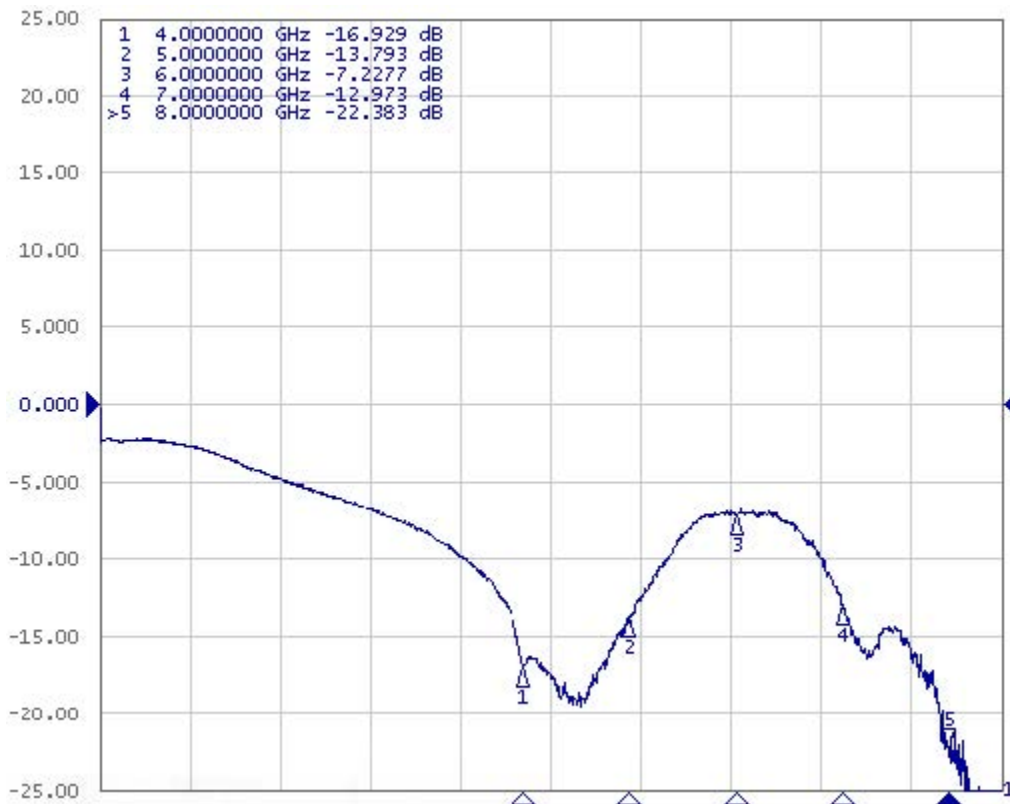


LNA Specifications

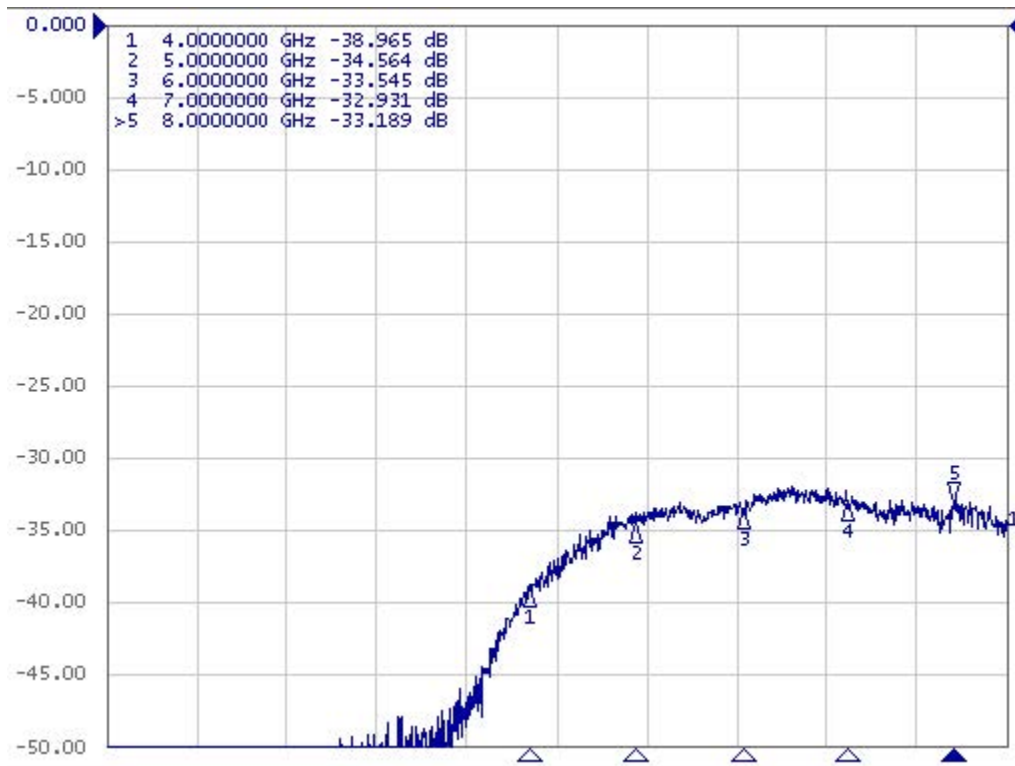
Parameter	Value	Units	Tolerance
Frequency Band	C		
LNA Impedance	50	Ohms	
LNA Connector Type	N(f)		
LNA Min Frequency	4.0 / 4,000	GHz / MHz	
LNA Max Frequency	8.5 / 8,500	GHz / MHz	
LNA Gain	4 GHz = 14.3 dB, 5 GHz = 16.8 dB, 6 GHz = 17.2 dB, 7 GHz = 17.2 dB, 8 GHz = 17.6 dB (all measurements ± 1 dB)		
LNA NF	1.8	dB	
Output IP3	28.0	dBm	
LNA Max RF Input Power	+10.0	dBm	
LNA DC Voltage Range	+3.5 to +20.0	VDC	
LNA DC Current	80 mA typical (110 mA maximum)		
Product Length	3.47 / 88.14	inches / mm	
Product Diameter	1.00 / 25.40	inches / mm	
Product Weight	0.7 / 19.8	oz / grams	



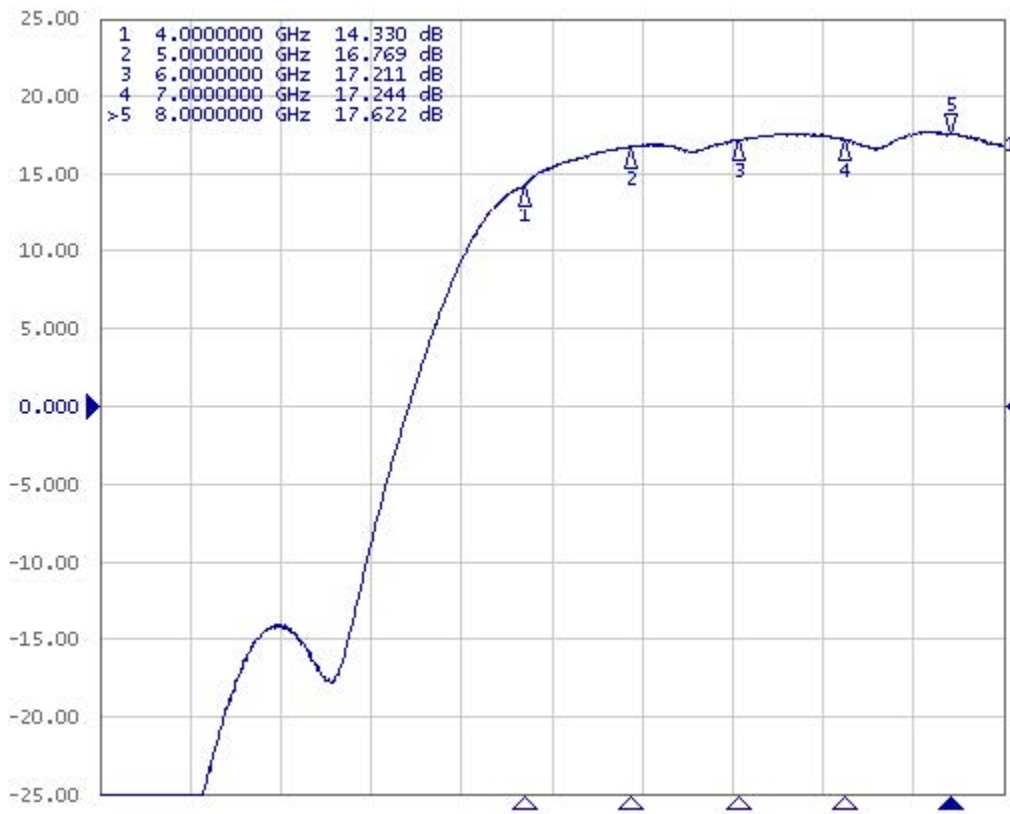
S11 (Antenna Port)



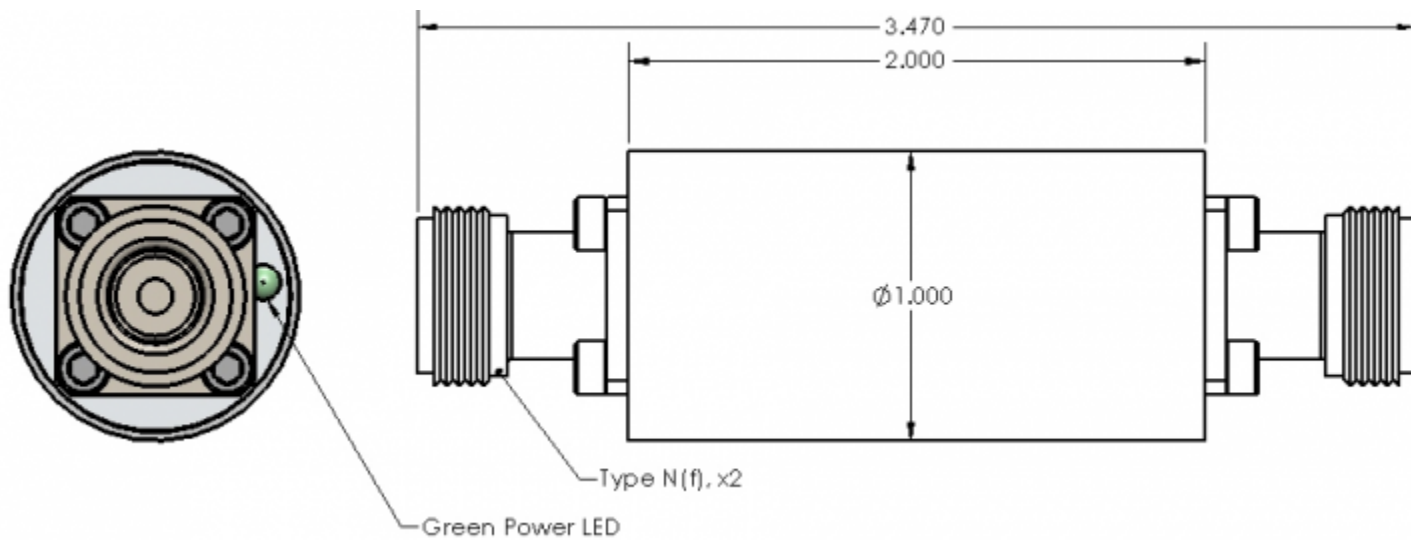
S22 (Cable Port)



S12



S21 w 1 dB PAD



Engineering Drawing

All dimensions are in inches