

Overview

Southwest Antennas Part # 1001-103 is an omni-directional antenna that features an operational frequency range of 1.7 - 2.5 GHz. The half-wave dipole design offers broad band coverage and 2 dBi of peak gain.

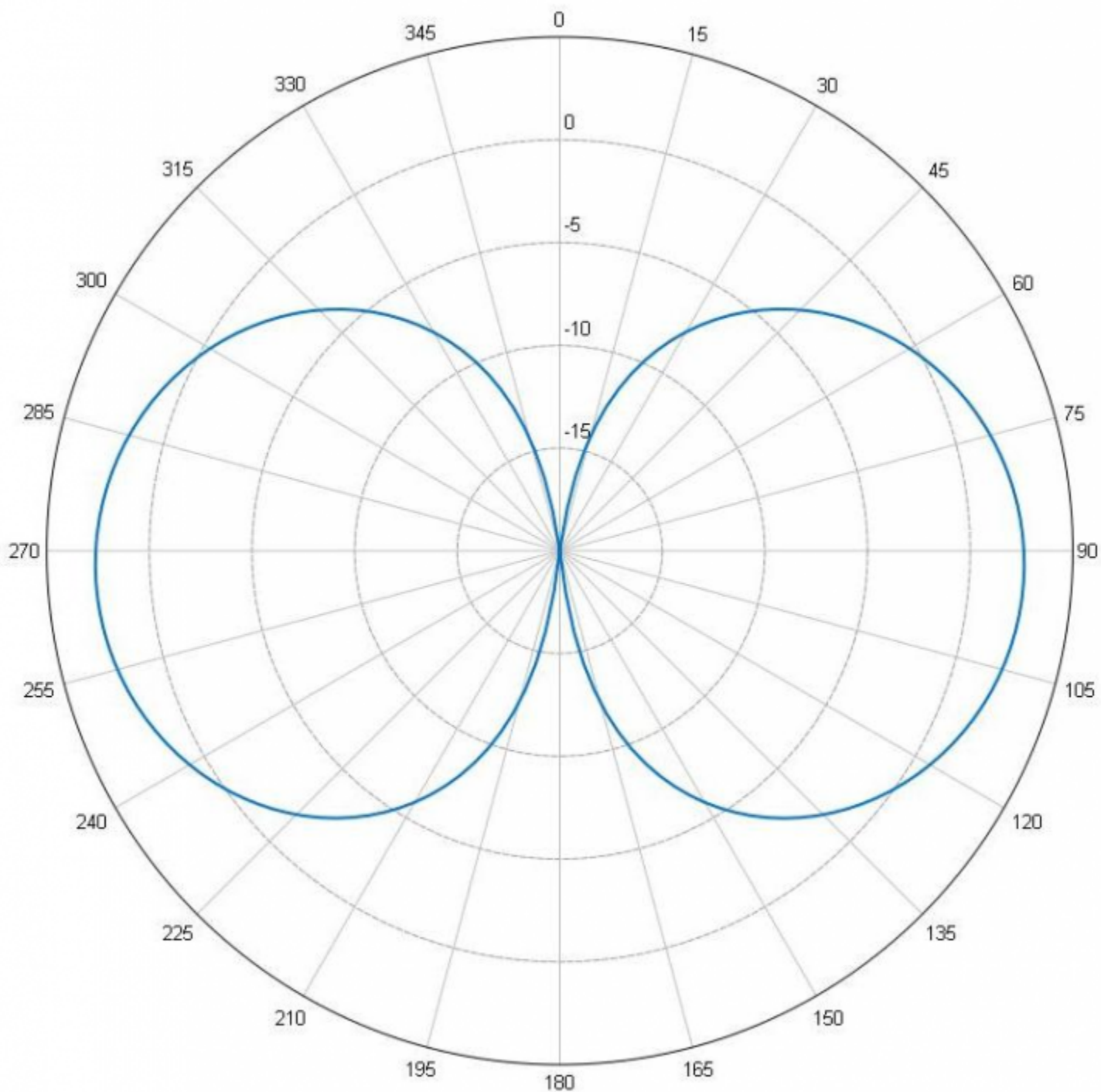
Features:

- Broad Band Coverage
- 1.7 - 2.5 GHz
- Half Wave Dipole
- 2 dBi Omni Radiation Pattern
- Rugged Construction
- Low Glare Black Radome
- SMA(f) RF Connector



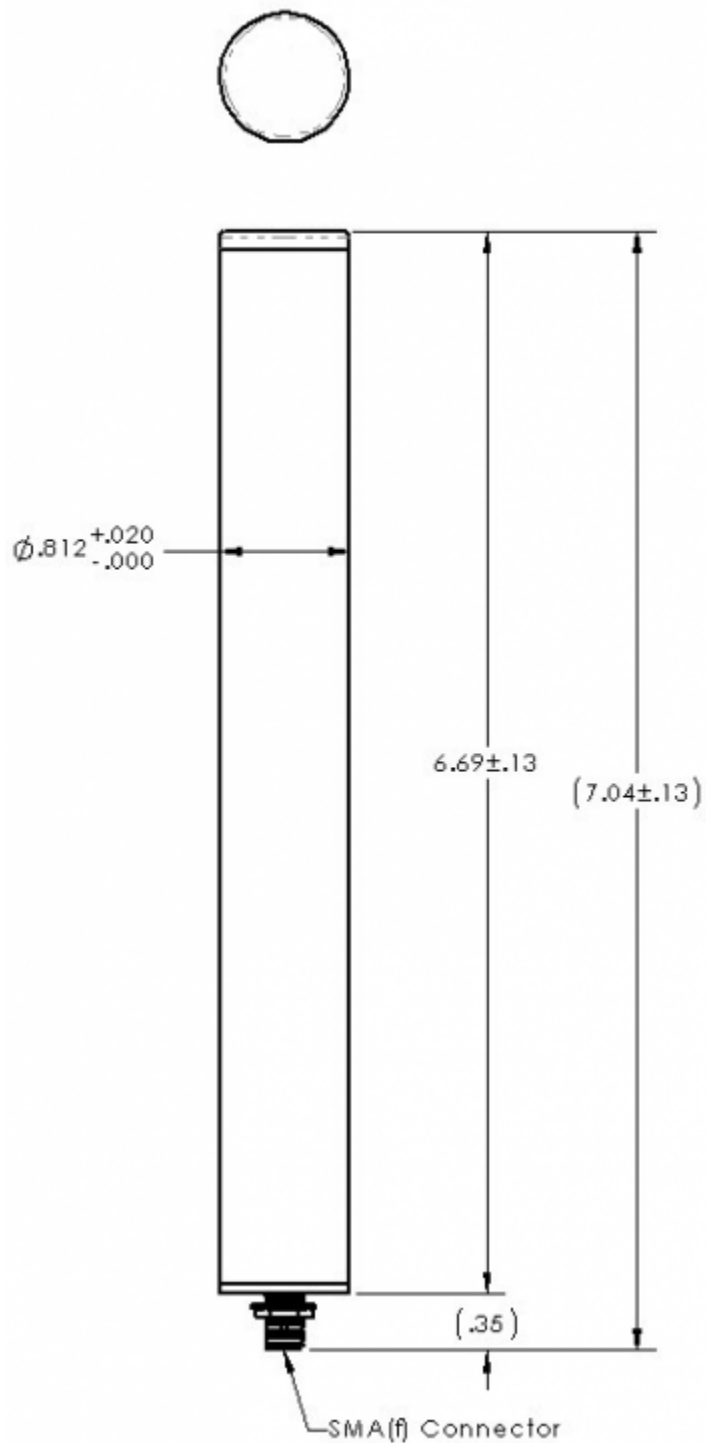
Antenna Specifications

Parameter	Value	Units	Tolerance
Antenna Pattern	Omni Antenna		
Frequency Band	L & S		
Impedance	50	Ohms	
Minimum Frequency	1.7 / 1,700	GHz / MHz	
Maximum Frequency	2.5 / 2,500	GHz / MHz	
Frequency Bandwidth	0.8 / 800	GHz / MHz	
Maximum VSWR	2:1	Ratio	
Maximum Gain	2	dBi	
Polarization	Vertical		
Maximum RF Input Power	50	Watts	
Horizontal (AZ) Beamwidth	360	Degrees	
Vertical (EL) Beamwidth	73	Degrees	
Ground Plane Required	No		
Color	Flat Black		
Maximum Wind Velocity	62 / 100	mph / kph	
RF Connector Type	SMA(f)		
Product Height	6.69 / 169.93	inches / mm	±0.13"
Product Diameter	0.81 / 20.62	inches / mm	+0.02" / -.000"
Product Weight	1.8 / 51.0	oz / grams	



Elevation Pattern

Referenced to 0 dBi



Engineering Drawing

All dimensions are in inches