

## Overview

Southwest Antennas Part # 1032-005 is a omni-directional bifilar antenna with right hand circular polarization (RHCP). This antenna offers coverage across the 4.4 - 5.9 GHz frequency range and 3.75 dBic peak gain.

A rugged black G10 fiberglass radome and black chrome Type-N(m) RF connector make this product ideal for harsh environments or low-visibility applications.

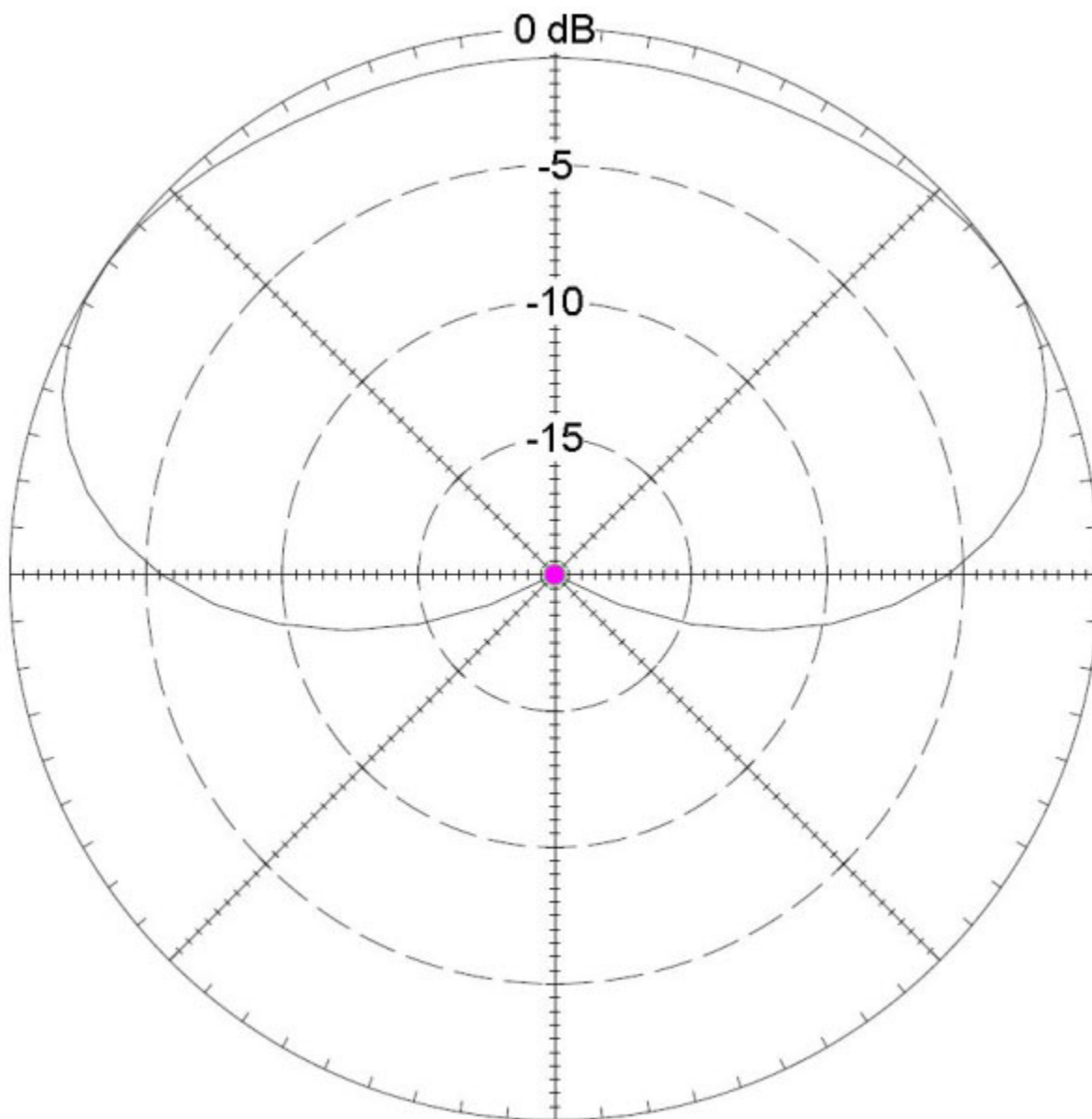
## Features:

- Broad Band Coverage
- 4.4 - 5.9 GHz
- RHCP
- 3.75 dBic Omni Radiation Pattern
- 20W Power Handling
- 3T "3 Turn"
- Pitch: 46%
- Rugged G10 Radome
- Black Chrome Type-N(m) RF Connector



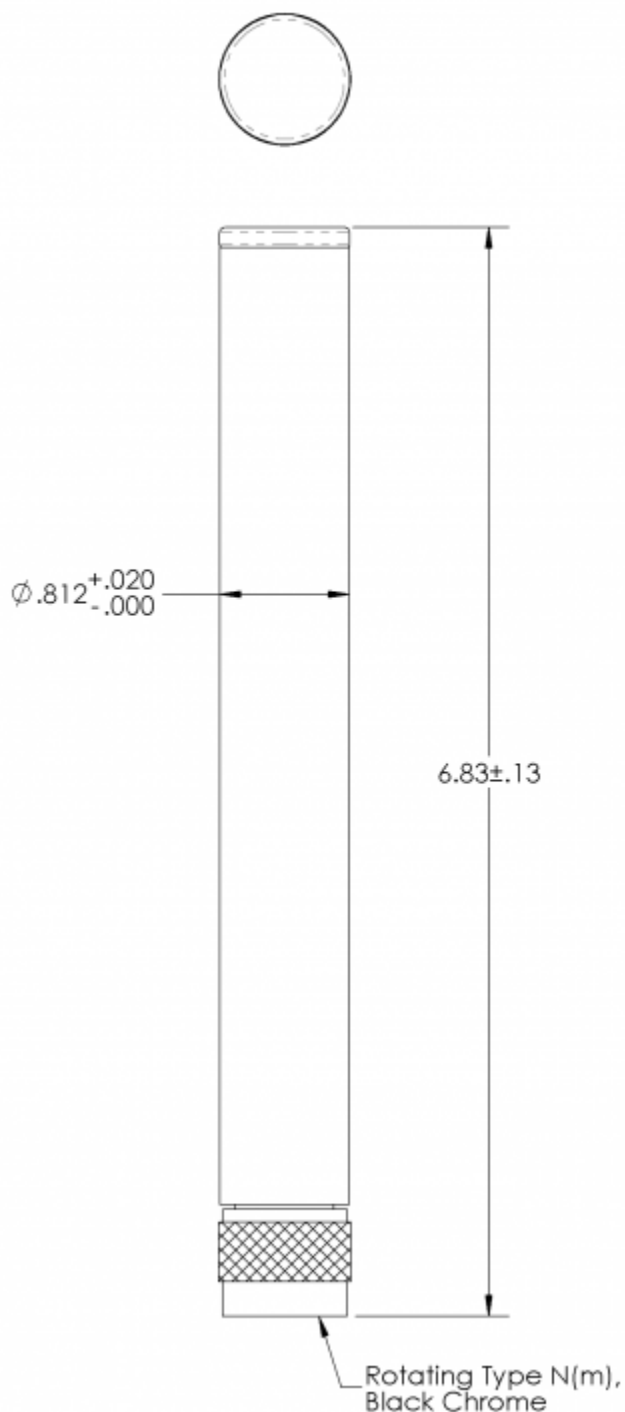
## Antenna Specifications

Parameter	Value	Units	Tolerance
Antenna Pattern	Omni Antenna		
Frequency Band	C		
Impedance	50	Ohms	
Minimum Frequency	4.4 / 4,400	GHz / MHz	
Maximum Frequency	5.9 / 5,900	GHz / MHz	
Frequency Bandwidth	1.5 / 1,500	GHz / MHz	
Maximum VSWR	2:1	Ratio	
Maximum Gain	3.75	dBic	
Maximum RF Input Power	20	Watts	
Horizontal (AZ) Beamwidth	360	Degrees	
Vertical (EL) Beamwidth	163	Degrees	
Ground Plane Required	No		
Radome Material	G10 Fiberglass		
Color	Black		
Mount Style	RF Connector		
Maximum Wind Velocity	100 / 161	mph / kph	
RF Connector Type	Type-N(m)		
RF Connector Features	Black Chrome		
Product Height	6.83 / 173.48	inches / mm	±0.13"
Product Diameter	0.81 / 20.62	inches / mm	+0.02" / -.000"
Product Weight	2.5 / 70.9	oz / grams	



**Elevation Pattern**

Referenced to 4 dBic



### Engineering Drawing

All dimensions are in inches