

## Overview

Southwest Antennas part # 1000-016 is a "rubber duck style" omni dipole antenna that offers quad-band GSM coverage at 850, 900, 1800, and 1900 MHz. This antenna is ideal for use on small portable devices, and features a non-rotating SMA(m) RF connector.

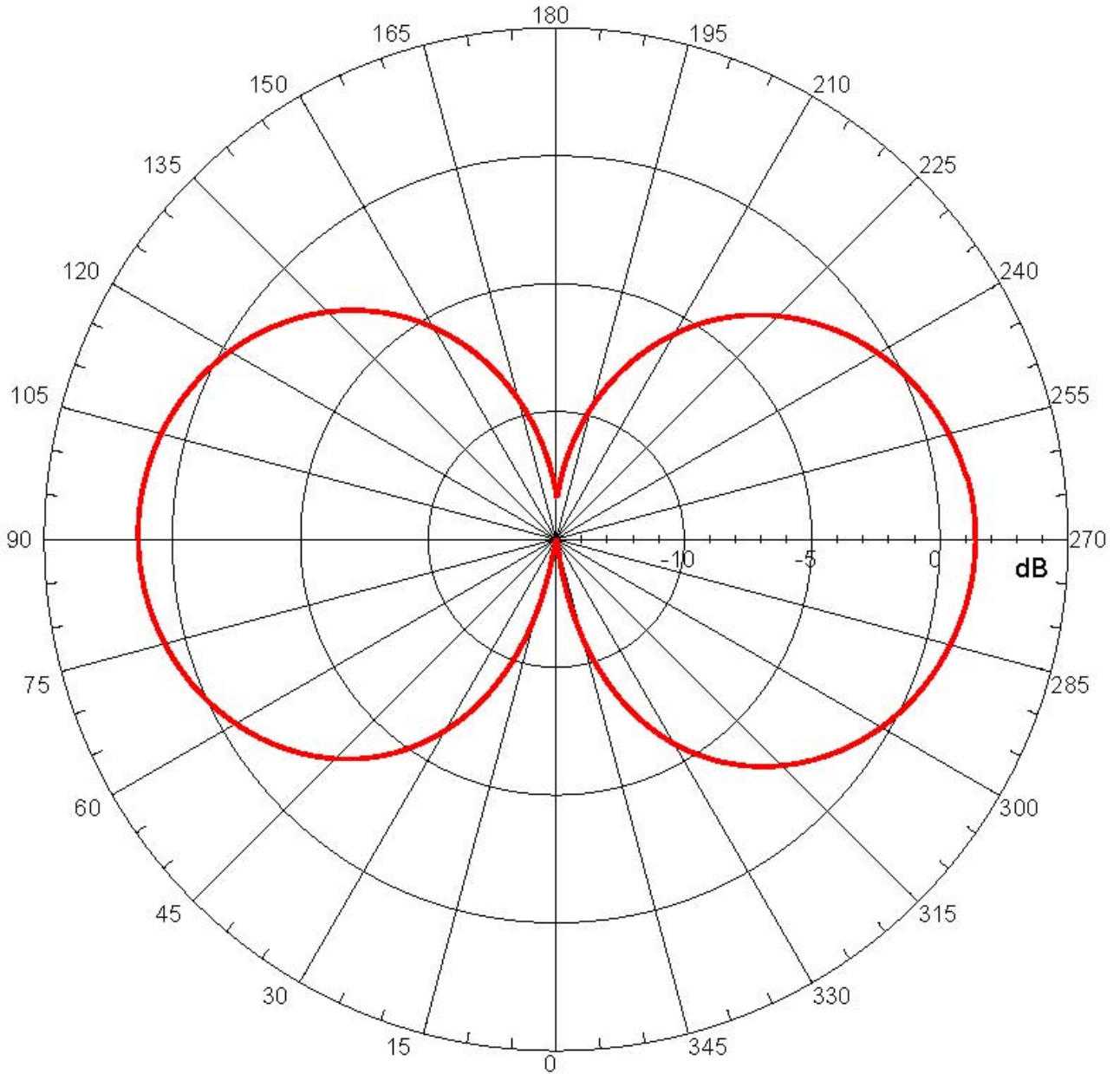
## Features

- Broad Band Coverage
- GSM Quad Band Antennas
- 850 / 900 / 1800 / 1900 MHz
- 2 dBi Gain
- Black TPR (thermoplastic rubber) Radome
- SMA(m) RF Connector, Non-Rotating



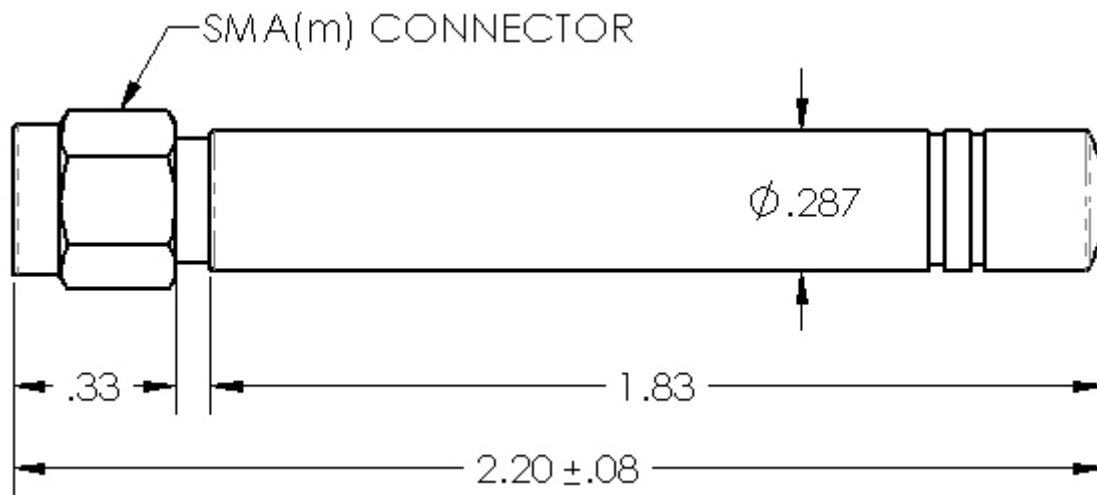
**Product Specifications**

<b>Parameter</b>	<b>Value</b>	<b>Units</b>	<b>Tolerance</b>
Antenna Pattern	Omni Antenna		
Impedance	50		
Minimum Frequency	0.824 / 824	GHz / MHz	
Maximum Frequency	1.99 / 1,990	GHz / MHz	
Maximum VSWR	<2:1	Ratio	
Maximum Gain	2.00	dBi	
Polarization	Vertical		
Color	Black		
Horizontal AZ Beamwidth	360	Degrees	
Vertical EL Beamwidth	79	Degrees	
Radome Material	Thermoplastic rubber		
Ground Plane Required	No		
RF Connector Type	SMA(m) Non-Rotating		
RF Connector Finish	Nickel		
Product Height	2.20 / 55.88	inches / mm	
Product Diameter	.29 / 7.37	inches / mm	
Product Weight	1.00 / 28.35	oz / g	



**Elevation Pattern**

Referenced to 0 dBi



### Engineering Drawing

All dimensions are in inches