

## Overview

Southwest Antennas Part # 1066-033 is a small form factor PCB-style omni antenna that is designed to be integrated into products or enclosures. The antenna covers the 2.4 GHz and 5.8 GHz ISM / Wi-Fi frequency bands, and offers 4 dBi gain.

## Features:

- PCB-style omni antenna
- 2.4 & 5.8 GHz ISM frequency coverage
- Small form factor - only 0.152 mm (.006 in) thick
- Ideal for integration into unmanned vehicles or other products / enclosures
- 3.740" Cable with Daiichi-Seiko IPX4LF11GBP RF Connector



## Antenna Specifications

Parameter	Value	Units	Tolerance
<b>Antenna Pattern</b>	Omni Antenna		
<b>Impedance</b>	50	Ohms	
<b>Frequency Range 1</b>	2.4 – 2.5 2,400 – 2,500	GHz MHz	
<b>Frequency Range 2</b>	5.15 – 5.85 5,150 – 5,850	GHz MHz	
<b>Maximum VSWR</b>	2.0	Ratio	
<b>Maximum Gain</b>	4	dBi	
<b>Polarization</b>	Vertical		
<b>Ground Plane Required</b>	No		
<b>Mount Style</b>	3M 9077 (or equivalent) Adhesive Strip		
<b>RF Connector Type</b>	Daiichi-Seiko IPX4LF11GBP		
<b>RF Cable Length</b>	3.74 / 95.00	inches / mm	
<b>Operating Temperature Range</b>	-40 to +85	C	
<b>Product Length</b>	1.67 / 42.49	inches / mm	
<b>Product Width</b>	0.39 / 9.98	inches / mm	
<b>Product Height</b>	0.01 / 0.15	inches / mm	
<b>Product Weight</b>	0.0 / 0.7	oz / grams	

