

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

