



Mesh Series™ Vertically Polarized Omni 5150 to 5850 MHz Operation

Features

- 6 dBi Antenna Gain in a Slimline Package
- Type N Male Integrated Connector
- Rugged, Lightweight and Waterproof

Applications

- 5.1 to 5.8 GHz Mesh Applications
- 802.11a Wireless Systems
- Point to Multi-point Systems
- Base Station Antennas
- Wireless Broadband Systems
- WiFi Access Points

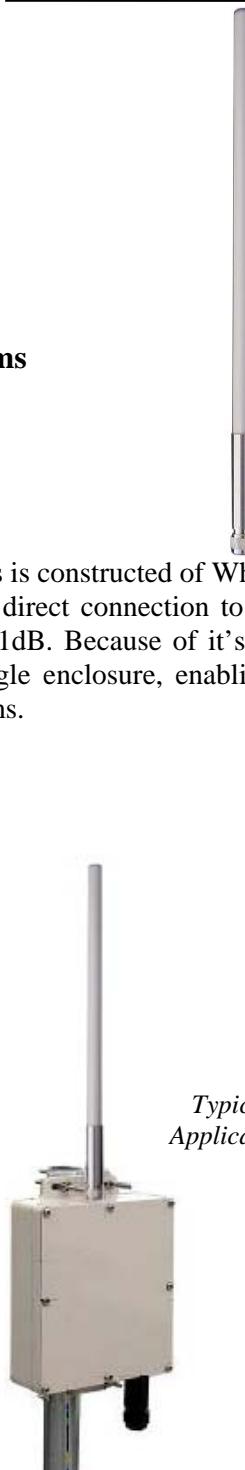
Description

The 5GHz Wide Band Mesh Series Omni Directional antenna offered by Pacific Wireless is constructed of White color UV-stable fiberglass and stainless steel base. They have Type N Male connectors for direct connection to wireless enclosures. The horizontal pattern is a full 360 degrees with gain flatness better than 1dB. Because of it's slimline design and low wind loading characteristics, multiple antennas can be used on a single enclosure, enabling multi antenna diversity and MIMO technologies used in many modern mesh networking systems.

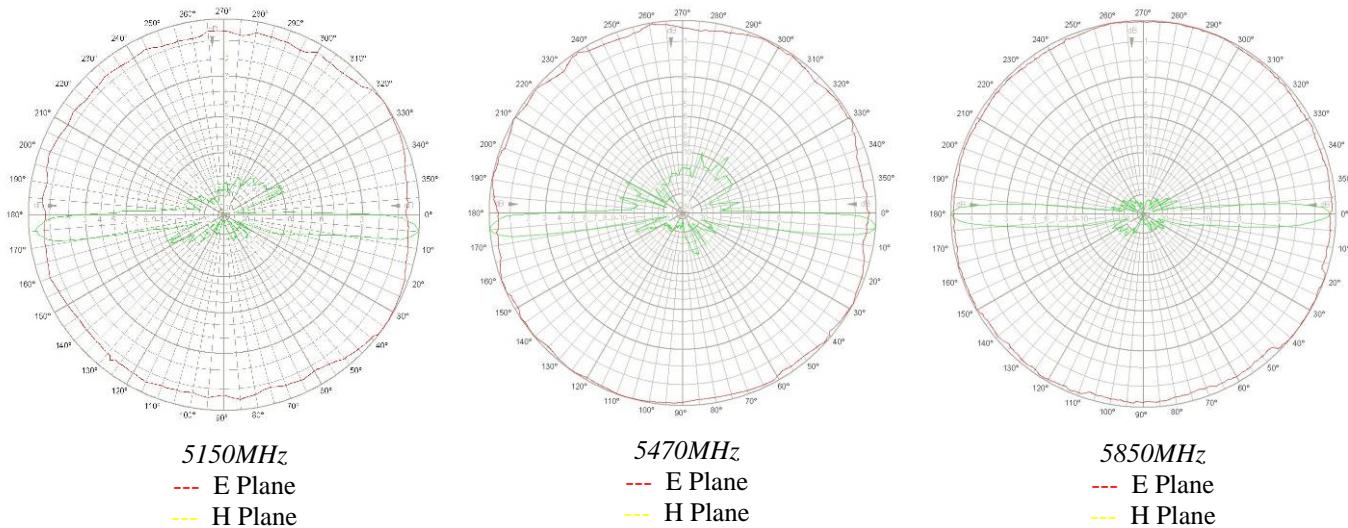
Specifications

Parameter	Min	Typ	Max	Units
<i>Frequency Range</i>	5150		5850	MHz
<i>Gain</i>		6		dBi
<i>Horizontal Beamwidth</i>		360		deg
<i>Vertical Beam Width</i>		8.5		deg
<i>VSWR</i>		1.5:1		
<i>Impedance</i>		50		OHM
<i>Input Power</i>			100	W
<i>Operating Temperature</i>	-40		+70	Deg C
<i>Rated Wind Velocity</i>		125 (56)		Mph (M/sec)
<i>Dimensions</i>		19 x 0.6 (483 x 15)		In (mm)
<i>Weight</i>		5 (0.14)		oz(kg)
<i>Lightning Protection</i>		DC Ground		

Typical
Application



Antenna Patterns at 5GHz



Wind Loading	
100MPH	1.9 Lbs
125MPH	3 Lbs

Suggested Accessory



New N Female extended Bulkhead to SMA Female adapter for mounting a Mesh Omni in an enclosure
AD-NFB-SMAF

Notes:

- All shipments F.O.B. Pacific Wireless Bluffdale, UT 84065
- All antennas carry a 2 Year Warranty

System Ordering:

OD5WM-6 6dBi 5150-5850Mhz Wideband Omnidirectional Antenna

For further information contact:



Pacific Wireless
14557 South 790 West Unit B
Bluffdale, UT 84065
TEL (801) 572-3024
FAX (801) 572-3025
www.pacwireless.com