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Mesh Series™ Vertically Polarized Omni 5150 to 5850 MHz Operation

The 5GHz wide band mesh series omnidirectional antenna offered by Laird Technologies 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 its 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.

Features and Benefits:

- 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
- Base station antennas
- 802.11a wireless systems
- Point to multi-point systems
- Wireless broadband systems
- WiFi access points

For sales information:

Telephone 801-572-3024

E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

Specifications

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

Wind Loading	
100MPH	1.9 Lbs
125MPH	3 Lbs

Suggested Accessory

N female extended bulkhead to SMA female adapter for mounting a mesh omni in an enclosure.

Part # AD-NFB-SMAF



Typical application

System Ordering:

OD5WM-6 6dBi 5150-5850Mhz wideband omnidirectional antenna

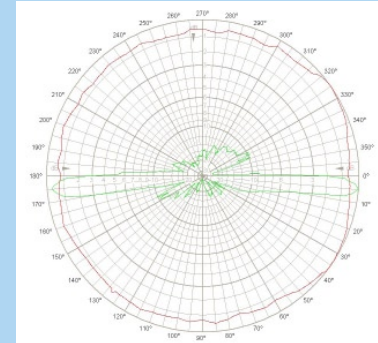
Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty

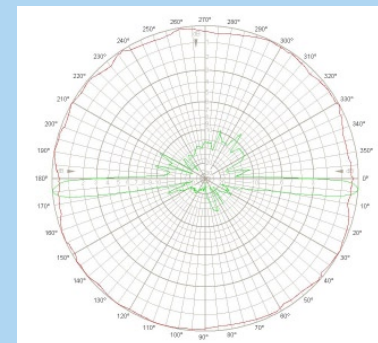
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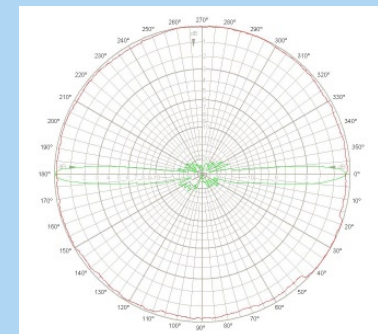
Antenna Patterns



5150MHz E-Plane



5470MHz E-Plane



5150MHz E-Plane

