

Vertically Polarized Omni Directional Antennas

5470 to 5850 MHz Operation

Features

- 12 dB Antenna Gain
- Type N Female Integrated Bulkhead Connector
- Rugged, Lightweight and Waterproof

Applications

- 5.4 to 5.8 GHz ISM Band Applications
- 802.11a Wireless Systems
- Point to Multi-point Systems
- Base Station Antennas
- Wireless Broadband Systems
- WiFi Access Points

Description

The 5GHz Omni Directional antenna systems offered by Pacific Wireless are constructed of UV-stable fiberglass with all stainless steel brackets standard. They have Type N female bulkhead connectors. The horizontal pattern is a full 360 degrees with gain flatness better than 2dB.

Specifications

Parameter	Model	Min	Typ	Max	Units
Frequency Range	OD58	5470		5850	MHz
VSWR			1.5:1		
Impedance			50		OHM
Input Power				100	W
Pole Diameter (OD)		1 25		2 50	inch mm
Operating Temperature		-40		+70	Deg C

	OD58-12
Gain	12dBi
Vertical Beam Width	7 deg
Rated Wind Velocity	125mph (56 M/sec)
Weight	1.1 Lbs (0.5Kg)
Dimension (L +/-1.0") Diameter Approx. 0.8" (20mm)	21.25" (540mm)

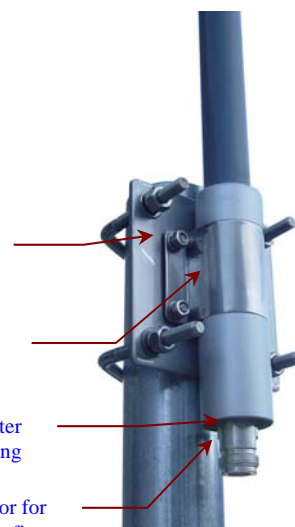
All Stainless Steel Bracket for Better Corrosion Protection

Extra Wide Strap and Larger Diameter Base for Better Stability

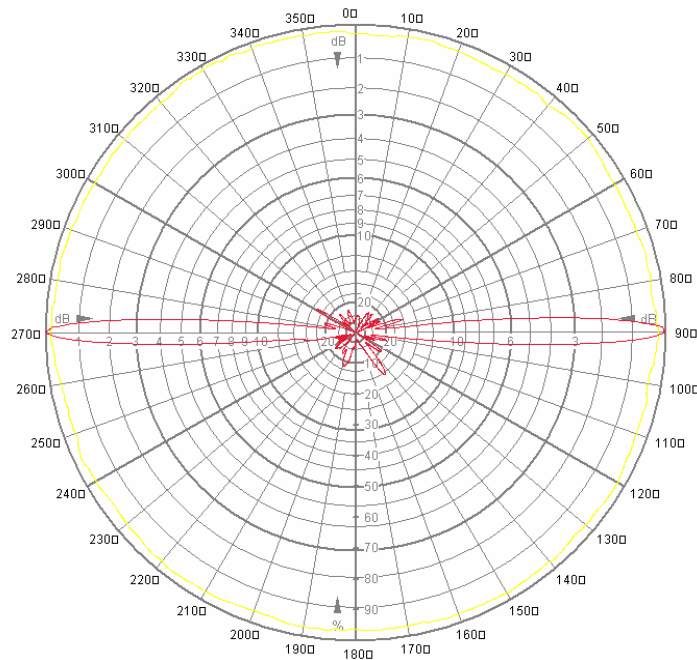
Extended Connector Shroud for Better Weatherproofing

Extended Length N Connector for easier/more reliable weatherproofing

THE *Pacwireless* DIFFERENCE



Antenna Patterns at 5GHz



12dBi Antenna Pattern

--- E Plane
--- H Plane



Notes:

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

Wind Loading	
100MPH	8.75 Lbs
125MPH	13.7 Lbs

System Ordering:

OD58-12 12dBi 5470-5850Mhz Wideband Omnidirectional Antenna

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