



Vertically Polarized Omni 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
<i>Frequency Range</i>	OD58	5470		5850	MHz
<i>VSWR</i>			1.5:1		
<i>Impedance</i>			50		OHM
<i>Input Power</i>				100	W
<i>Pole Diameter (OD)</i>		1 25		2 50	inch mm
<i>Operating Temperature</i>		-40		+70	Deg C

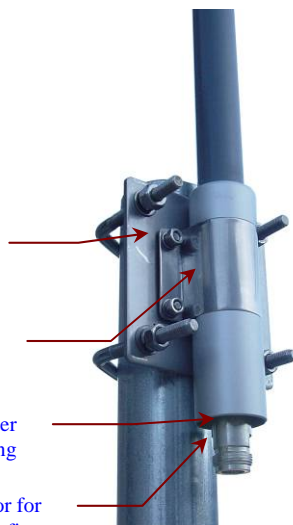
	OD58-12
<i>Gain</i>	12dBi
<i>Vertical Beam Width</i>	7 deg
<i>Rated Wind Velocity</i>	125mph (56 M/sec)
<i>Weight</i>	1.1 Lbs (0.5Kg)
<i>Dimension (L +/-1.0") Diameter Approx. 0.8" (20mm)</i>	27.5" (700mm)

All Stainless Steel Bracket for Better Corrosion Protection

Extra Wide Strap and Larger Diameter Base for Better Stability

Extended Connector Shroud for Better Weatherproofing

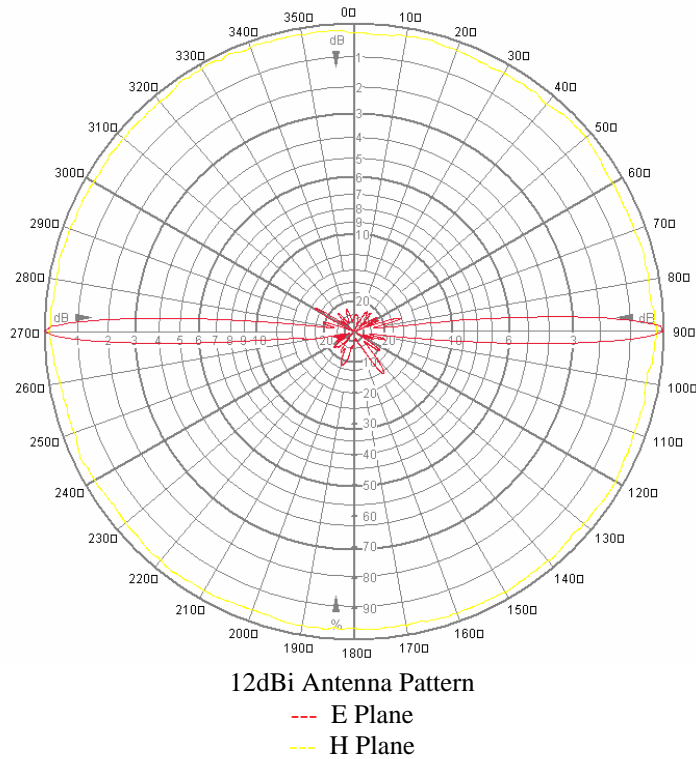
Extended Length N Connector for easier/more reliable weatherproofing



THE *Pacwireless* DIFFERENCE



Antenna Patterns at 5GHz



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

For further information contact:



Pacific Wireless
 14575 South Centerpoint Way
 Bluffdale, UT 84065
 TEL (801) 572-3024
 FAX (801) 572-3025
www.pacwireless.com