



## InWave Series Antenna TriBand Operation

### Features

- High Gain Omnidirectional Indoor antenna
- Tri-Band GSM, PCS and ISM Operation
- Attractive housing ; UL Listed materials
- Surface mount in Drop Ceiling or Solid Ceiling
- Vertical Polarization
- Type N Female Connector



### Applications

- 2.4 GHz and 900MHz Wireless Lan Applications
- GSM, PCS, CDMA, TDMA Cellular Applications

### Description

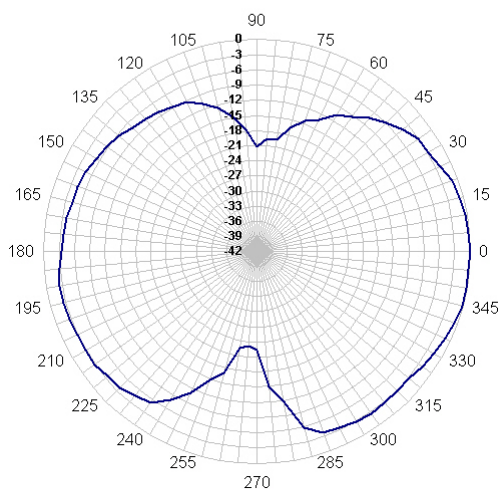
The TriBand InWave Series of indoor omnidirectional antenna systems offered by Pacific Wireless are designed for in-building transmission of Cellular Telephone and Wireless LAN signals. Because of the TriBand design, a single antenna can be used to service the building occupant's total wireless needs. The antennas are constructed of UL94-V0 white ABS plastic. The low profile attractive styling blends well in almost any office or home environment. Mounting is simplified with a single hole mount design to easily mount to drop ceilings or fixed ceilings. The antenna comes with a bulkhead N Female connector standard which is long enough to mount thru a max 1" thick ceiling.

### Specifications

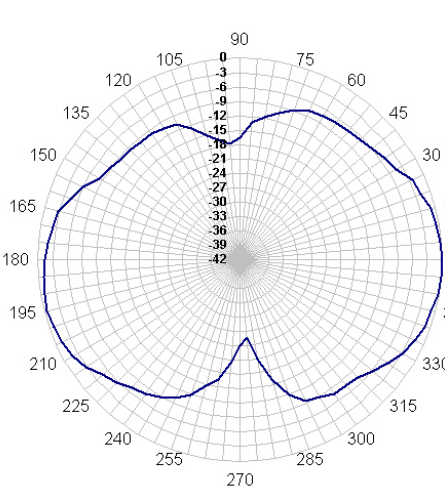
Parameter	Freq	Min	Typ	Max	Units
<i>Frequency Range</i>		824		2483	MHz
<i>Gain</i>	824-894 MHz GSM850 880-960 MHz GSM900 900-928 MHz 900MHz ISM 1710-1880 MHz GSM1800 1850-1990 MHz PCS/GSM 1900 2400-2483 MHz 2.4GHz ISM		2.2 2.2 2.2 3.5 3.5 5		dBi
<i>Input Return Loss (S<sub>11</sub>)</i>			-14		dB
<i>VSWR</i>			1.5:1		
<i>Impedance</i>			50		OHM
<i>Input Power</i>			50		W
<i>Operating Temperature</i>		-10		+70	Deg C
<i>Mounting Hole Size</i>			5/8 (16)		In (mm)
<i>Weight</i>			13 (369)		Oz (gm)
<i>Dimension (Dia x Height)</i>			7.25 x 4.25 (184 x 108)		In (mm)

## Antenna Patterns – E- Plane

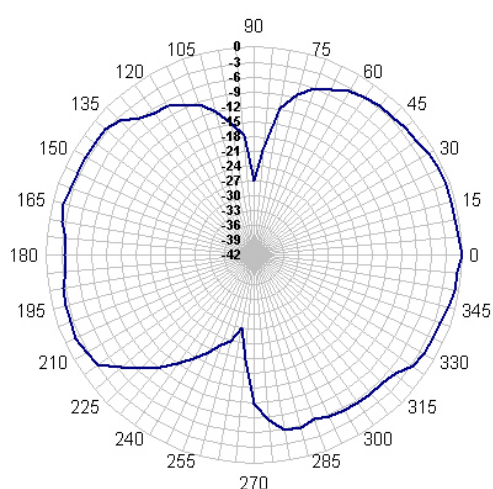
824MHz



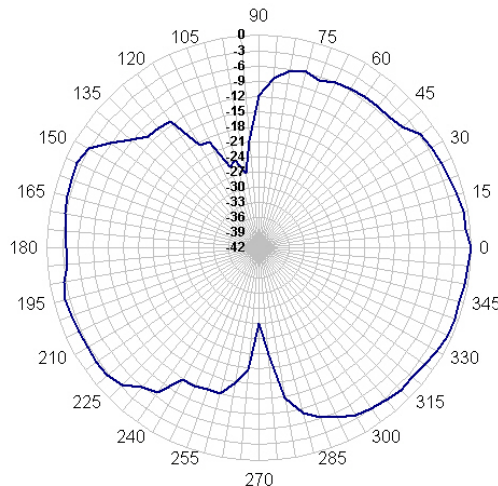
925MHz



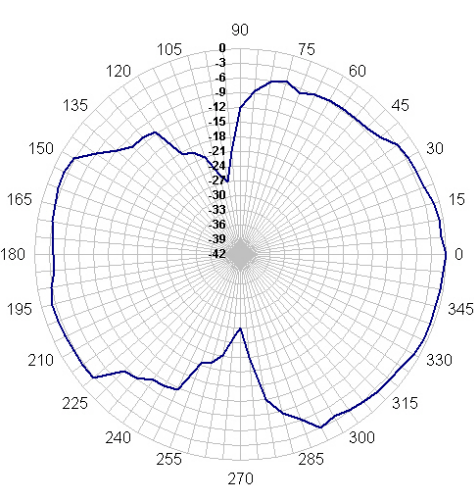
1710MHz



1900MHz



2400MHz



### Notes:

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

### System Ordering:



IN800/2500-5 TriBand Indoor Antenna



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