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InWave Series Antenna

Multi-Band Operation

The multi-band InWave Series of indoor omnidirectional antenna systems offered by Laird Technologies are designed for in-building transmission of cellular telephone and wireless LAN signals. Because of the multi-band 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.

Features and Benefits:

- High gain omnidirectional indoor antenna
- Operates simultaneously on Cell, GSM, PCS, Wimax and ISM
- Attractive housing ; UL listed materials
- Surface mount in drop ceiling or solid ceiling
- Vertical polarization
- Type N Female connector

Applications

- 806 - 960MHz CELL/GSM
- 1710-1990MHz DCS/PCS/GSM
- 2300-2700MHz ISM (BT) & Wimax
- 3300-3800MHz Wimax
- 5150-5850MHz ISM

For sales information:

In the USA please telephone +1-800-323-3757

In Asia please telephone +886-2-2286-2828

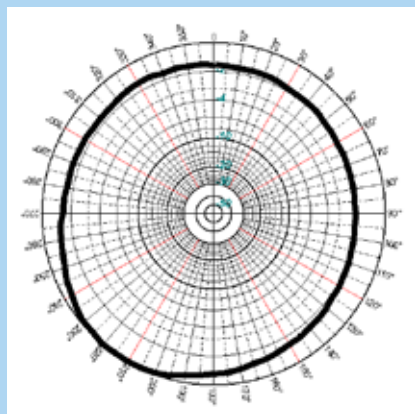
In Europe please telephone +46-8-555-722-00

or visit: www.lairdtech.com

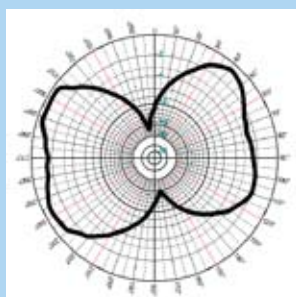
SPECIFICATIONS

Parameter	Freq	Min	Typ	Max	Units
Frequency Range		806		5850	MHz
Gain	806-928 MHz GSM/ISM 1710-1990 MHz PCS/GSM 2300-2700 MHz 2.4GHz ISM/Wimax 3300-3800 MHz 3.5GHz Wimax 5150 – 5850 MHz 5.8GHz ISM		2.2 2.2 5 3.5 3.5		dBi
VSWR			1.5:1		
Impedance			50 Ω		OHM
Input Power			50		W
Operating Temperature		-10 (14°F)		+70 (+158°F)	Deg C
Mounting Hole Size		5/8 (16)			In (mm)
Weight		13 (369)			Oz (gm)
Dimension (Dia x Height)		7.25 x 4.25 (184 x 108)			In (mm)
Radome Material		ABS			

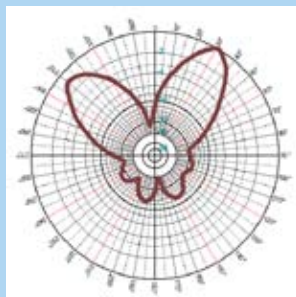
ANTENNA PATTERNS



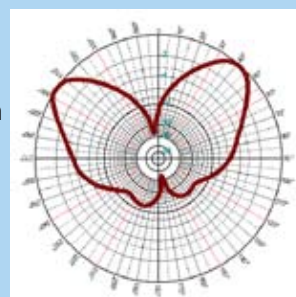
Typical Azimuth Pattern



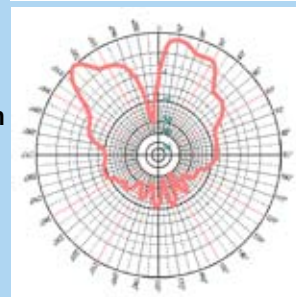
Elevation Pattern
806-960 MHz



Elevation Pattern
2300-2700 MHz



Elevation Pattern
1710-1990 MHz



Elevation Pattern
5100-5850 MHz

All antennas carry a 2 Year Warranty

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Specifications subject to change without notice.



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