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### **InWave Series Ceiling Mount Antenna 2400 to 2483 MHz Operation**

The InWave Series® of indoor omnidirectional antenna systems offered by Laird Technologies 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 an 11inch (28cm) pigtail and an N Female connector standard.

#### **Features and Benefits:**

- Omnidirectional indoor antenna
- 3 dBi antenna gain
- Choice of 2 attractive housing types
- UL Listed materials and cable
- Surface mount in drop ceiling or solid ceiling
- Vertical polarization
- Type N female connector

#### **Applications**

- 2.4 GHz Wireless Lan Applications
- In-Building Wireless Access Points

#### **For sales information:**

Telephone 800-323-3757

E-Mail sales@pacwireless.com

or visit: [www.pacwireless.com](http://www.pacwireless.com)

## Specifications

Parameter	Model	Min	Typ	Max	Units
Frequency Range	IN24-3a,b	2400		2483	MHz
Gain			3		dBi
Input Return Loss ( $S_{11}$ )			-14		dB
VSWR			1.5:1		
Impedance			50 Ω		OHM
Input Power			100		W
Operating Temperature		-10 (14°F)		+70 (+158°F)	Deg C
Cable Length			12 (30)		In (cm)
Mounting Hole Size			5/8 (16)		In (mm)
Weight			.94 (.35)		Lb (Kg)
Dimension (Dia x Height)		IN24-3a: 7" x 2.75" (180mm x 70mm) IN24-3b: 7" x 4" (180mm x 100mm)			In (mm)

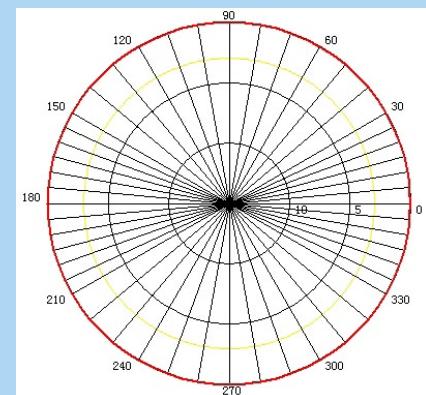
## System Ordering:

- IN24-3a 3dBi Indoor Antenna – Flat Cone
- IN24-3b 3dBi Indoor Antenna – Cone

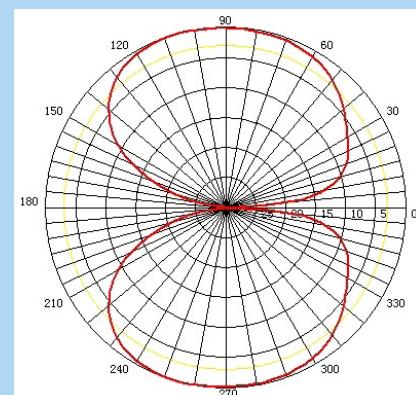
## Notes:

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

## Antenna Patterns



**Azimuth Pattern**



**Elevation Pattern**

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*Specifications subject to change without notice.*



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