IN24-65-8/IN24-65-7

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InWave Series Indoor Directional Antenna

2400 to 2483 MHz Operation

The 2.4GHz InWave series indoor antennas are specifically designed for the demands of the indoor wireless LAN environment. They offer high gain in a thin, low profile package. There are two models available with different horizontal beamwidths depending on the coverage needs of the wireless LAN. The antennas are constructed of a white UL rated ABS radome with an aluminum backplate. The fixed bracket makes for easy installation on any wall surface. The antenna comes with an 8" pigtail cable terminated with an N female connector standard. The antennas can also be used outdoors if mounted under an eave to protect against extreme weather. The radome is UV resistant ABS and the elements are metal, rather than the traditional PCB material, so performance will be unaffected by moisture.

Features and Benefits:

- Small size / low profile
- Wall mount (bracket included)
- Vertical polarization
- 8" pigtail with N female connector

Applications

- 2.4 GHz wireless LAN applications
- Indoor access points and wireless routers
- 802.11b/g applications
- Extends range of wireless networks

For sales information:
Telephone 800-323-3757
E-Mail sales@pacwireless.com

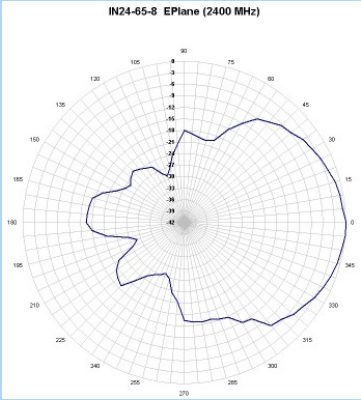
or visit: **www.pacwireless.com**

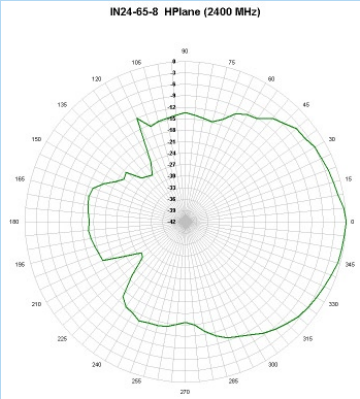
IN24-65-8/IN24-65-7

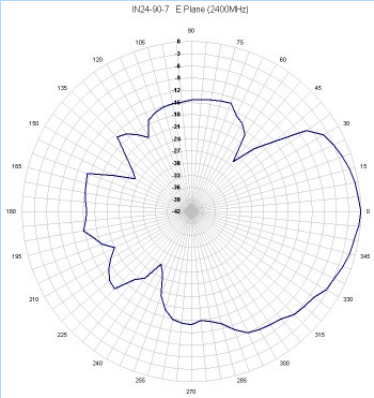
Specifications

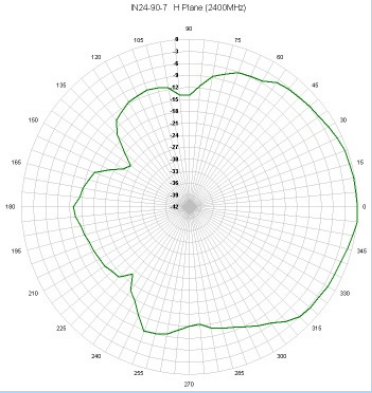
Parameter	Model	Min	Typ	Max	Units
Frequency Range		2400		2483	MHz
Gain	IN24-65-8 IN24-90-7		8 7		dBi
Horizontal Beam Angle	IN24-65-8 IN24-90-7		65 90		degrees
Vertical Beam Angle			50		degrees
Front to Back		15			dB
Input Return Loss (S_{11})			-14		dB
VSWR			1.5:1		
Impedance			50 Ω		OHM
Input Power			100		W
Operating Temperature		-40		+70	Deg C
Weight		6.5 (0.18)			Lb (Kg)
Dimension (Dia x Height)		4” x 3.75” x 1” (102 x 95 x 25)			In (mm)

Antenna Patterns









System Ordering:

IN24-65-8 2.4GHz 8dBi 65deg Indoor Directional Antenna
IN24-90-7 2.4GHz 7dBi 90 deg Indoor Directional Antenna

Notes:

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

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