

APPENDIX D: ANTENNA SPECIFICATIONS

Please see the following pages.



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New Product!

PAWIN24-5RD DATA SHEET

2.4GHz APXtender “Rubber Duck” Omni

Features

- 5.5dBi Gain 2.4GHz Omni Directional Indoor Antenna
- Direct replacement for 2.2dBi rubber duck antenna that is standard on most indoor access points and bridges.
- Extends Range of 2.4GHz Wireless Access Points or Wireless Bridges

Applications

- 2.4GHz Wireless Access Points
- 2.4GHz Wireless Client Bridges
- 2.4GHz Wireless Routers
- 54G Wireless Equipment



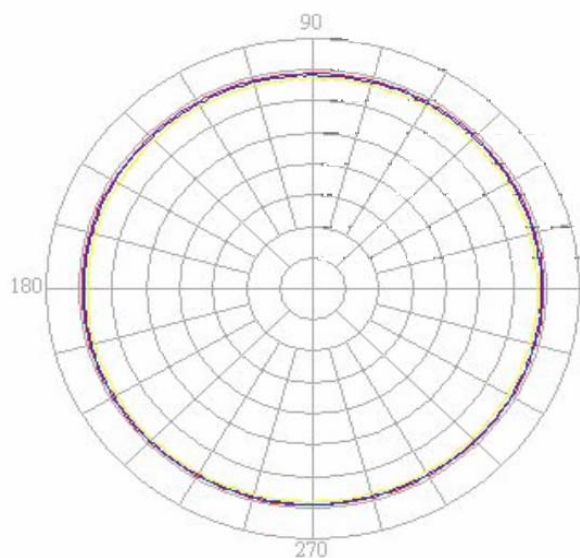
Description

The 5.5dBi APXtender Indoor Rubber Duck Omnidirectional Antenna is used to extend the range of indoor access points or client bridges in 802.11 2.4GHz wireless LAN environments. The antenna features a 360 Degree Horizontal Transmission Pattern and a 50 Degree Vertical Transmission Pattern. The transmit/receive element can be tilted in relation to the base to direct signal where it is needed (0, 45, 90 degrees). The antennas are available in various connectors to fit most wireless radio equipment.

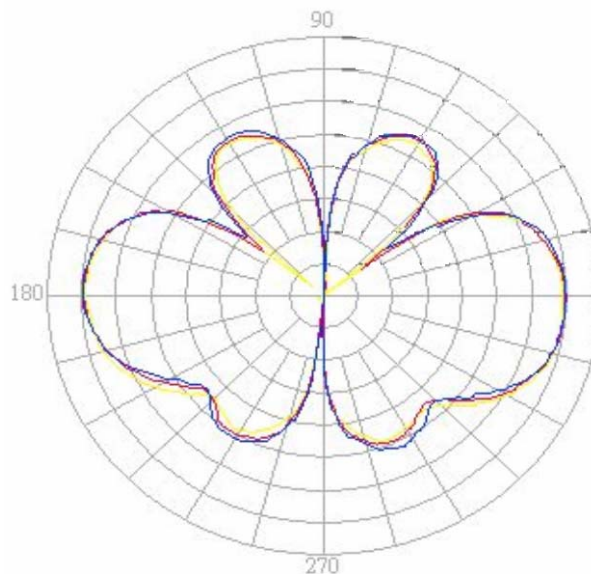
Specifications

Parameter	Min	Typ	Max	Units
<i>Frequency Range</i>	2400		2485	MHz
<i>Gain</i>		5.5		dBi
<i>VSWR</i>		1.5:1		
<i>Impedance</i>		50		OHM
<i>Input Power</i>			10	W
<i>Operating Temperature</i>	-10		+60	Deg C
<i>Weight</i>	0.9 (25)			oz (gr)
<i>Dimension</i>	RPSMA/SMA - 7.75 x 0.5D (197 x 12.7D) TPTNC - 7.97 x 0.57D (203 x 14.5D)			In (mm)

Antenna Plots @ 2450 MHz



H Plane - Azimuth



E Plane - Vertical

Notes:

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

System Ordering:

IN24-5RD-SMA 5.5dBi 2.4GHz APXtender – SMA Male Connector
IN24-5RD-RSMA 5.5dBi 2.4GHz APXtender – Reverse Polarity SMA Connector (Dlink, smartBridges, etc)
IN24-5RD-RTNC 5.5dBi 2.4GHz APXtender – Reverse Polarity TNC Connector (Linksys, Cisco, etc)

For further information contact:**Pacific Wireless**

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