



Pacific Wireless
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New Product!

PAWIN24-6DD
DATA SHEET

**2.4GHz APXtender
 Indoor Directional**

Features

- 2.4GHz 6dBi Directional Indoor Antenna
- Sleek Design, suitable for most desktop applications. Only 5" tall
- Folds flat (only 1.25" thick) for easy transport in laptop case for mobile computing applications
- Weighted Base / Rubber Feet for Increased Desktop Stability
- Sits on Desktop or Mounts to Wall or Ceiling or Inside a Window
- Extends Range of 2.4GHz Wireless Access Points or Wireless Bridges
- Horizontal or Vertical Polarity (Vertical Polarity as shown)



Applications

- 2.4GHz Wireless Access Points
- 2.4GHz Wireless Client Bridges

Description

The 6dBi APXtender Indoor Directional Antenna is used to extend the range of indoor access points or client bridges in 802.11 2.4GHz wireless LAN environments. Because of its directional nature, the signal can be concentrated where it is most needed, thus eliminating most external interference. The antenna features an 80 Degree Horizontal Transmission Pattern and a 60 Degree Vertical Transmission Pattern. The transmit/receive element can be tilted in relation to the base to direct the signal where it is most needed. The unit has a weighted base with rubber feet to increase stability on the desktop. With its gray color, its sleek, aesthetic design is suitable for any desktop application. The unit is supplied with 1.5 Meter (59") of cable terminated with RPSMA, MC Card, MMCX or RP TNC connectors. Other connector types available on request. The gain is specified at the connector, eliminating any concern over cable loss.

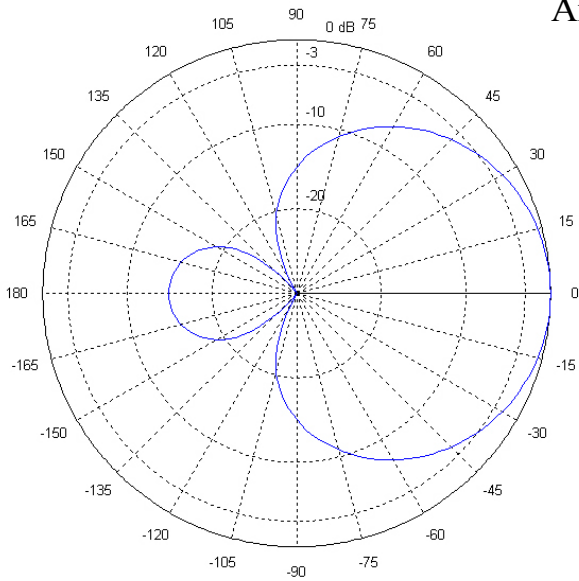
Specifications



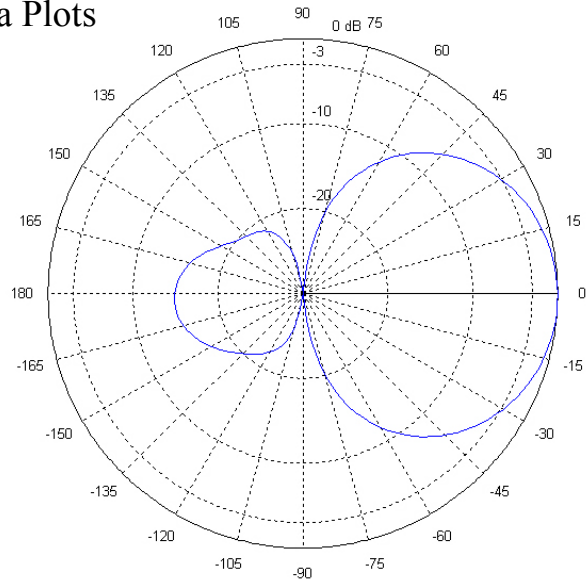
Window Application – Horizontal Polarity

| Parameter | Min | Typ | Max | Units |
|-------------------------------------------|------|------------------|------|---------|
| <i>Frequency Range</i> | 2400 | | 2485 | MHz |
| <i>Gain (at connector)</i> | | 6 | | dBi |
| <i>Horizontal Beamwidth</i> | | 80 | | Deg |
| <i>Vertical Beamwidth</i> | | 60 | | Deg |
| <i>Input Return Loss (S₁₁)</i> | | -14 | | dB |
| <i>VSWR</i> | | 1.6:1 | | |
| <i>Impedance</i> | | 50 | | OHM |
| <i>Input Power</i> | | | 10 | W |
| <i>Operating Temperature</i> | -10 | | +60 | Deg C |
| <i>Weight</i> | | 5 (141) | | oz (gr) |
| <i>Dimension</i> | | 3 x 5 (76 x 127) | | In (mm) |
| <i>Cable Length</i> | | 59 (1.5) | | In (M) |

Antenna Plots



6dbi Directional – Azimuth - HPlane



6dbi Directional – Vertical - EPlane

Notes:

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



System Ordering:

- IN24-6DD-RSMA** 6dBi 2.4GHz APXtender – Reverse Polarity SMA Connector (Dlink, smartBridges, etc)
- IN24-6DD-MC** 6dBi 2.4GHz APXtender – MCard Connector (Lucent, Orinoco, etc)
- IN24-6DD-MMCX** 6dBi 2.4GHz APXtender – MMCX Connector (3COM, Proxim, Zcomax, Cisco, etc)
- IN24-6DD-RTNC** 6dBi 2.4GHz APXtender – Reverse Polarity TNC Connector (Linksys, Cisco, etc)

For further information contact:



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