



Mini Directional Antenna 2400 to 2483 MHz Operation

Features

- 12dBi Gain in a Mini Directional Antenna
- Rugged and Weatherproof
- Ultra Low Wind Loading and Ultra Low Visual Impact
- Vertical or Horizontal Polarization
- Type N Female Connector
- Stainless Steel Bracket and Hardware



Applications

- 2.4GHz Wireless LAN Applications
- 802.11b/g Client Antennas

Description

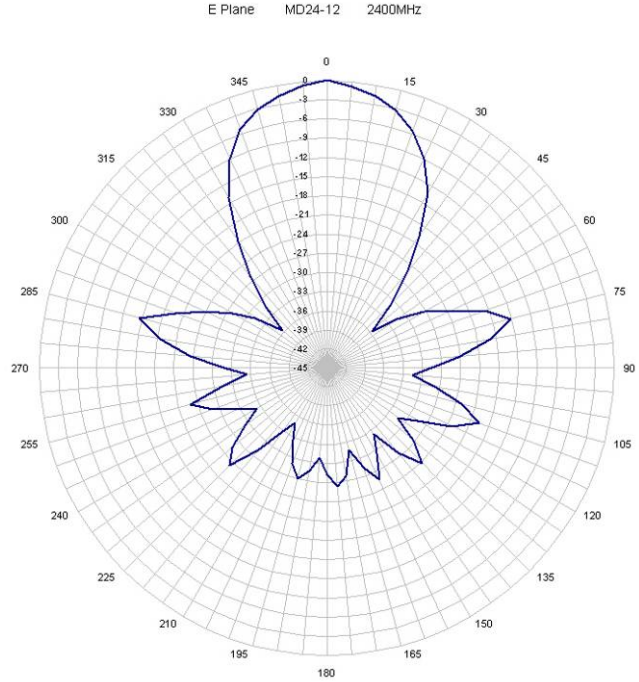
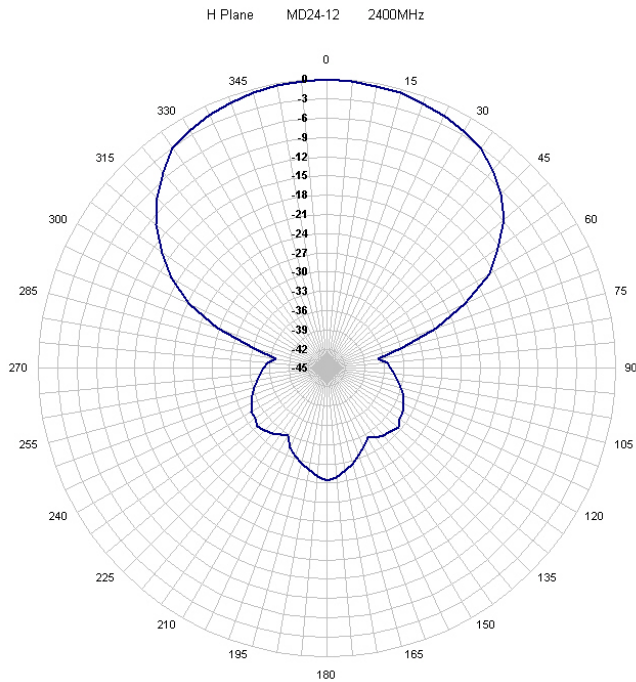
The 2.4GHz Mini Directional antennas offered by Pacific Wireless are a sub-compact antenna for the most demanding client applications. The antennas offer high gain in an ultra-small aesthetically pleasing package. The antennas are constructed of gray color UV ABS plastic with aluminum backplate and stainless steel mounting bracket. The antenna can be used in Horizontal or Vertical Polarization by making a change to bracket mounting. The stainless steel bracket affords +/- 15 deg tilt adjustment. The compact low visual impact attractive styling blends well in almost any application. The antenna comes with an integral N Female connector standard.

Specifications

Parameter	Min	Typ	Max	Units
<i>Frequency Range</i>	2400		2483	MHz
<i>Gain</i>		12		dBi
<i>Horizontal Beamwidth</i>		65		Deg
<i>Vertical Beamwidth</i>		34		Deg
<i>Front to Back</i>	25			dB
<i>Input Return Loss (S₁₁)</i>		-14		dB
<i>VSWR</i>		1.5:1		
<i>Impedance</i>		50		OHM
<i>Input Power</i>			100	W
<i>Operating Temperature</i>	-40		+70	Deg C
<i>Pole Size</i>	1" (25)		1.66" (39)	In (mm)
<i>Weight</i>		13.5 (383)		oz (g)
<i>Dimension (W x L)</i>		4" x 4 x 4" (102x102x102)		In (mm)
<i>Bracket Tilt</i>		15		Deg



Antenna Patterns @ 2.4GHz



Notes:

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



System Ordering:

MD24-12 2.4GHz 12dBi Mini Directional Antenna

For further information contact:



Pacific Wireless
14575 South Center Point Way
Bluffdale, UT 84065
TEL (801) 572-3024
FAX (801) 572-3025
www.pacwireless.com