



## MD24-12

### Mini Directional Antenna

#### MINI DIRECTIONAL ANTENNA , 2400 TO 2483 MHZ OPERATION

The 2.4 GHz mini directional antennas are a sub-compact antenna for the most demanding client applications. The antennas offer high gain in an ultra-small, aesthetically pleasing package. These are constructed of gray color UV ABS plastic with aluminum backplate and a stainless steel mounting bracket.

The antenna can be used in horizontal or vertical polarization by making a change to the bracket mounting. The stainless steel bracket affords +/- 15° 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.

#### FEATURES AND BENEFITS

- 11 dBi 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

- 2.4 GHz wireless LAN applications
- 802.11b/g client antennas
- WiMAX

#### SPECIFICATIONS

Frequency range	2400 to 2483 MHz
Gain	11 dBi
Horizontal beamwidth	65°
Vertical beamwidth	34°
Front-to-back	25 dB
Input return loss (S11)	-14 dB
VSWR	1.5:1
Impedance	50 ohm
Input power	100 W
Operating temperature	-40°C to +70°C

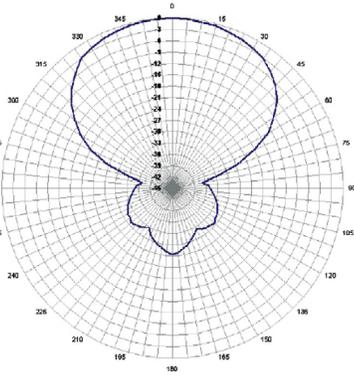
## SPECIFICATIONS

Pole size	1 to 1.66 in (25 mm to 39 mm)
Weight	13.5 oz (383 g)
Dimension (W x L x H)	4 x 4 x 4 in(102 x 102 x 102 mm)

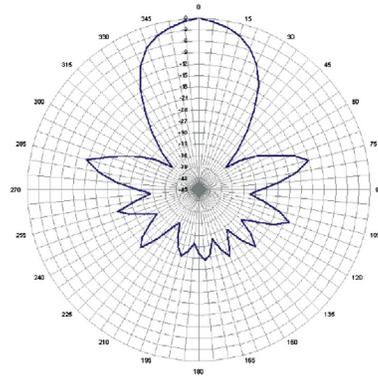
## SYSTEM ORDERING

MD24-12 2.4 GHz 11 dBi Mini Directional Antenna

## ANTENNA PATTERNS



Horizontal plane 2400 MHz



Elevation plane 2400 MHz

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