



DATA SHEET

# SECTOR 60-2.4GHZ

MULTI-POLARIZED HIGH GAIN DIRECTIONAL ANTENNA

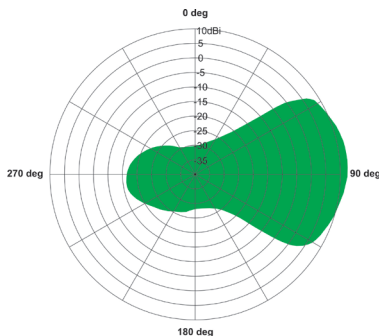
MODEL NO:

**08-ANT-0868**

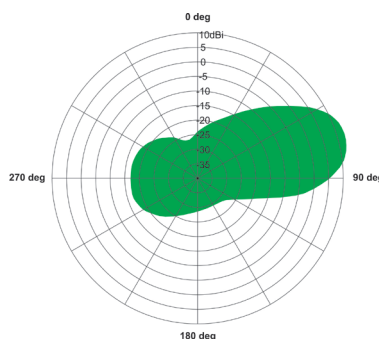
## Applications

- 2.4GHz ISM Band Applications
- 802.11 b,g,n Wireless Systems
- Point-to-Point and Multipoint Systems
- Wireless Broadband Systems
- WiFi AP, Router, Bridge, CPE
- Building Penetration and High Obstruction Deployments

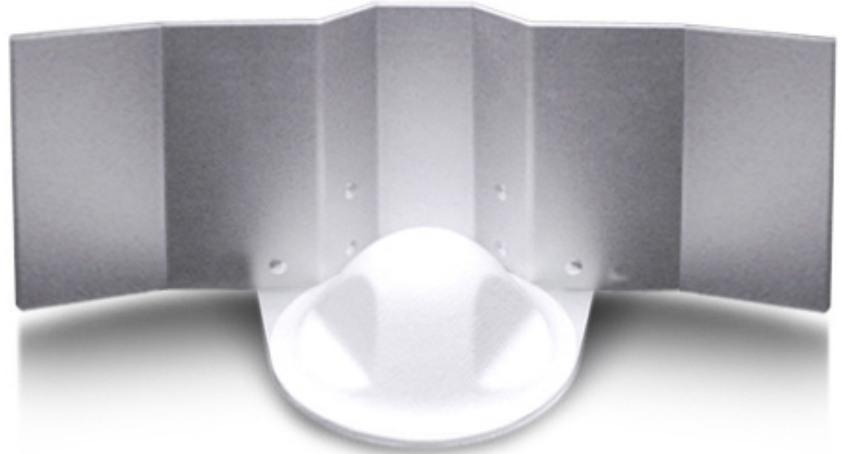
### Azimuth Coordinate Pattern



### Elevation Coordinate Pattern



MP Antenna, LTD.  
147 Eady Court  
Elyria, Ohio 44035  
440 387 5968 phone  
877 678 3245 fax  
sales@mpantenna.com  
www.mpantenna.com



## Product Overview

The Multi-Polarized Sector 60-2.4GHz is constructed of UV stabilized polymers and high grade aluminum for extremely long service life in the most demanding conditions. With a 60° directional pattern it provides exceptional 12dBi high gain effective power and is ideal for indoor and outdoor deployments where a sectorized approach is required to accommodate clients in a variety of points. Weighing only 10 oz, the Sector 60-2.4GHz can easily be mast or wall mounted with available mounting hardware. Multi-Polarized antenna technology provides unequalled wireless communication in “Real World” obstructed non-line-of-sight (NLOS) environments.

## Features

- Multi-Polarized
- Obstruction Penetrating TX/RX
- Built In Spatial Diversity
- Excellent F/B (28 dB)
- Light Weight/Low Wind Load
- Mounting Hardware Included

## Physical Specifications

- Dimensions: 9 in x 6 in x 4 in
- Weight: 10 oz
- Connector: SMA-Female
- Mounting: Mast Mount (1¼" - 2" Dia) / Wall
- Construction: UV Stabilized Polymers,  
High Grade Aluminum
- Warranty: One year limited

## Typical Performance

- Frequency Range: 2-2.7GHz
- Gain: 12dBi\*
- VSWR: 1:1-1.5:1
- Polarization: Multi-Polarized
- Power: 50 Watts Input
- Input: 50 ohms nominal

\* With built in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains.

rethink the antenna™

MP Antenna reserves the right to change product information and specifications without notice. Responsibility for the use and application of MP Antenna products rests with the end user since MP Antenna cannot be aware of all potential uses. MP Antenna makes no warranties as to the fitness, merchantability, or suitability of any MP Antenna products for any specific or general uses. MP Antenna shall not be liable for incidental or consequential damages of any kind.\* MP Antenna products and technology are protected under one or more of the United States Patents 6,496,152 6,806,841 7,030,831 7,138,956 7,236,129 7,348,933 7,791,555 7,916,097 D,623,633 D,634,308 and other United States and Foreign patents applied for.