

# Sector 60-2.4GHz Data Sheet

## MultiPolarized High Gain Directional Antenna

Model No:  
08-ANT-0868



### Product Overview

The MultiPolarized **Sector 60-2.4GHz** offered by MP Antenna 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. MultiPolarized antenna technology provides unequalled wireless communication in “Real World” obstructed non-line-of-sight (NLOS) environments. For ultimate performance use MP Antenna technology to further improve connectivity, throughput and network performance on all wireless devices.



**M-POL<sup>TM</sup> Certified** is MP Antenna's exclusive assurance that MultiPolarized antenna technology is incorporated into a world class product to provide superior connectivity in real world obstructed environments.

### Features

- MultiPolarized
- Obstruction Penetrating Send and Receive
- Enhanced Connectivity and Throughput
- Built In Spatial Diversity
- Excellent F/B (28 dB)
- Light Weight/Low Wind Load
- **M-POL<sup>TM</sup>** Quality and Performance
- Mounting Hardware Included
- RoHS Compliant
- Weatherproof

### Applications

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

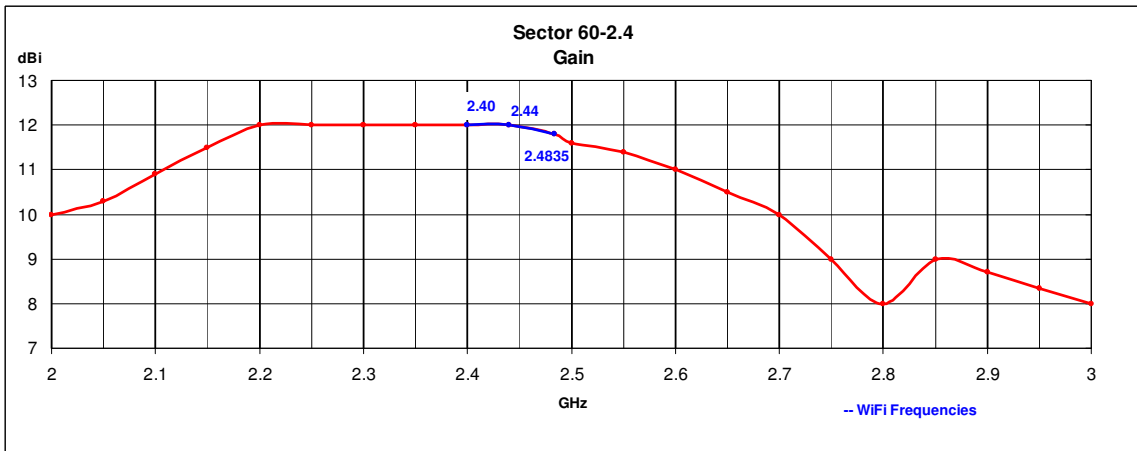
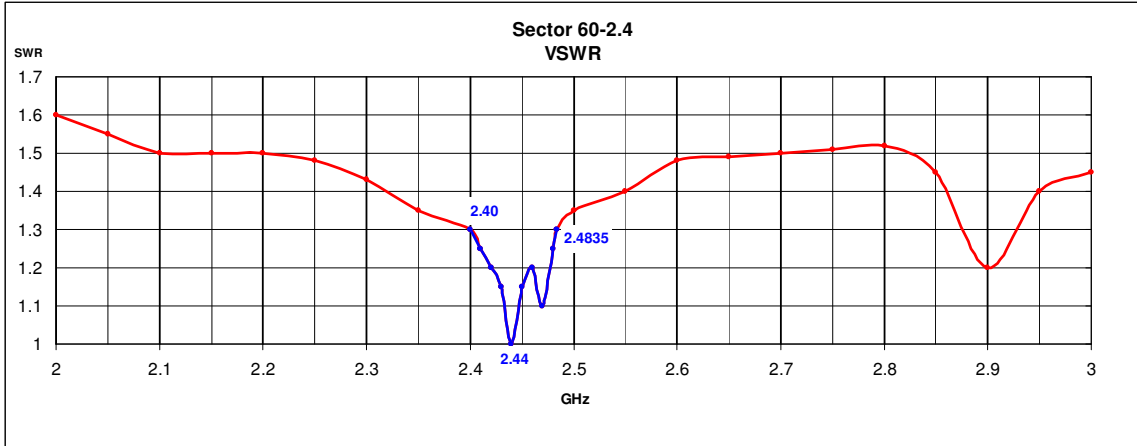
\* **MP Antenna** products and technology are protected under United States Patent No. 6,496,152. Other patents pending. Please contact MP Antenna for information about using or licensing **MP Antenna** products or technology. REV: 012510

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## Physical Specifications

Width: 9 In  
Depth: 6 In  
Height: 4 In  
Weight: 10 oz  
Construction: UV Stabilized Polymers, High Grade Aluminum  
Connector: SMA-Female  
Mounting: Mast Mount (1 $\frac{1}{4}$ " $\rightarrow$ 2 $\frac{3}{8}$ "Dia)  
Wall Mount  
Warranty: One year limited.

## Typical Performance

Frequency  
Range: 2-2.7GHz  
Gain: 12dBi\*  
VSWR: 1:1-1.5:1  
Polarization: MultiPolarized  
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.**

## Part Numbers and Available Connectors

Sector 60-2.4 W/ Mast Mount: 08-ANT-0868-MAST  
Sector 60-2.4 W/ Wall Mount: 08-ANT-0868-WALL

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MP Antenna, LTD - 7887 Bliss Parkway - North Ridgeville, OH 44039 - 877.678.3243 - fax 877.678.3245 - www.mpantenna.com