



Model No: 08-ANT-0867

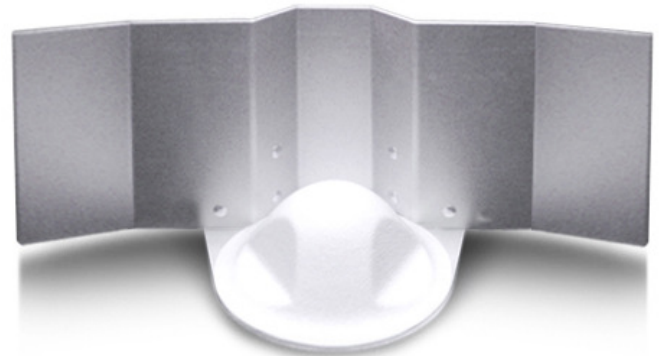
Sector 120-2.4

Multipolarized High Gain Directional Antenna

Data Sheet

Product Overview

The multipolarized **Sector 120-2.4** 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 120° directional pattern it provides exceptional 10dBi 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 120-2.4** 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.



When tested in non-line-of-sight obstructed environments the **M-POL™ Certified Sector 120-2.4** can outperform non-multipolarized 15dBi gain antennas.



M-POL™ is the MP Antenna standard of excellence where multipolarized antenna technology is designed into highly engineered quality products providing the maximum level of real world wireless performance.

Features

- Multipolarized, Multiplane and Multipath Send and Receive.
- Obstruction Penetrating.
- Enhanced Connectivity and Throughput.
- Built In Spatial Diversity.
- Excellent F/B (28 dB)
- Light Weight/Low Wind Load.
- **M-POL™** 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 and other patents applied for. Please contact MP Antenna for information about using or licensing **MP Antenna** products or technology.

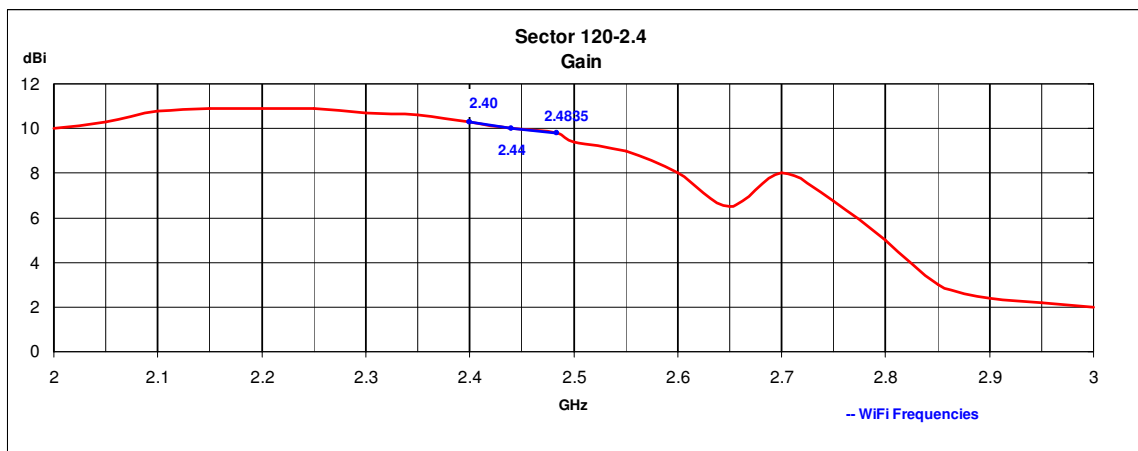
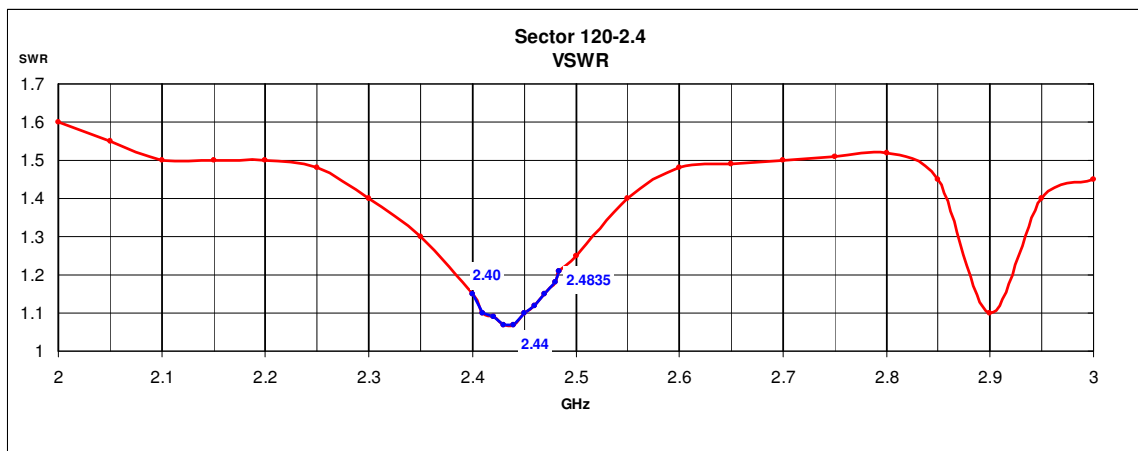
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Physical Specifications

- Width: 11 in
- Depth: 6 in
- Height: 4 in
- Weight: 10 oz
- Construction: UV Stabilized Polymers, High Grade Aluminum
- Connector: SMA-Female
- Mounting: Mast Mount (1¼"→2⅜"Dia)
Wall Mount
- Warranty: One year limited.

Typical Performance

- Frequency Range: 2-2.7GHz
- Gain: 10dBi*
- VSWR: 1:1-1.5:1
- Polarization: Multipolarized
- Power: 50 Watts Input
- Input: 50 ohms nominal

Part Numbers

- Sector 120-2.4 W/ Mast Mount: 08-ANT-0867-MAST
- Sector 120-2.4 W/ Wall Mount: 08-ANT-0867-WALL

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

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