



DATA SHEET

# SECTOR 120-2.4GHZ

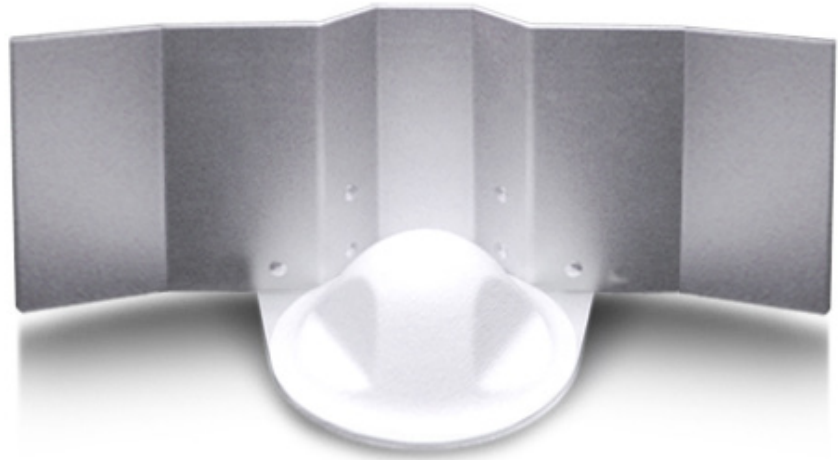
MULTI-POLARIZED HIGH GAIN DIRECTIONAL ANTENNA

MODEL NO:

**08-ANT-0867**

MP Antenna, LTD.  
7887 Bliss Parkway  
North Ridgeville, Ohio 44039

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## Product Overview

The Multi-Polarized Sector 120-2.4GHz 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 120-2.4GHz 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. For ultimate performance use MP Antennas to further improve connectivity, throughput and network performance on all wireless devices.

## Features

- Multi-Polarized
- Obstruction Penetrating Send and Receive
- Enhanced Connectivity and Throughput
- Built In Spatial Diversity
- Excellent F/B (28 dB)
- Light Weight/Low Wind Load
- Mounting Hardware Included
- RoHS Compliant
- Weatherproof

## Applications

- 2.4GHz ISM Band Applications
- 802.11 b,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



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PART NUMBERS AND  
AVAILABLE CONNECTORS:

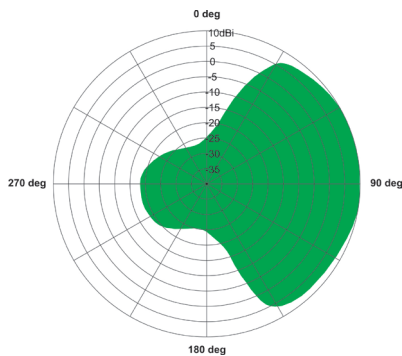
**08-ANT-0867-MAST**

SECTOR 120-2.4GHZ W/MAST MOUNT

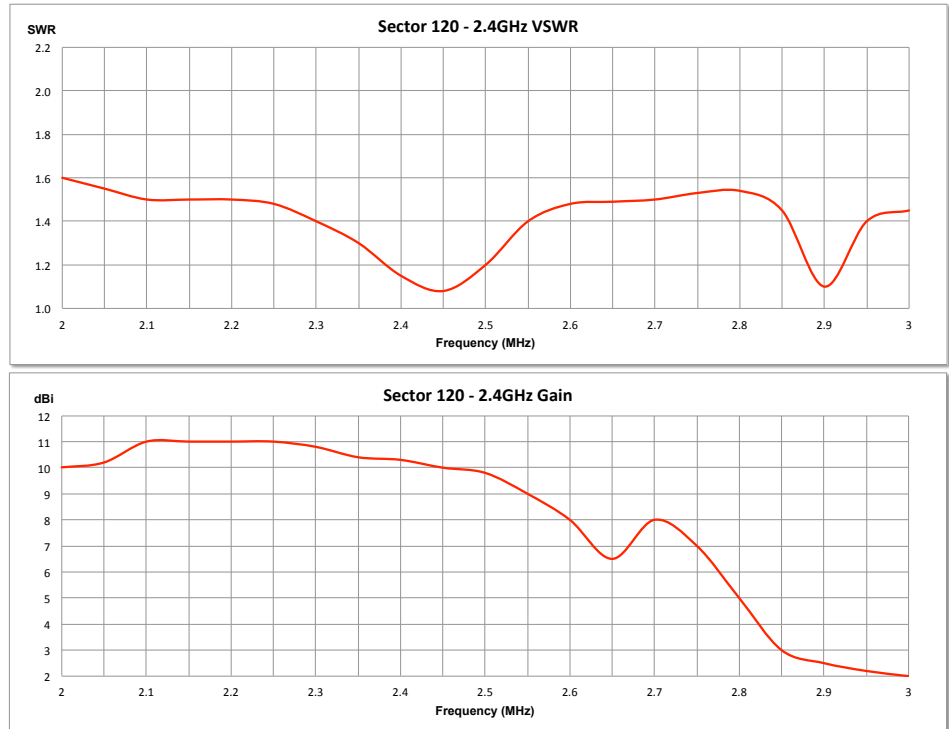
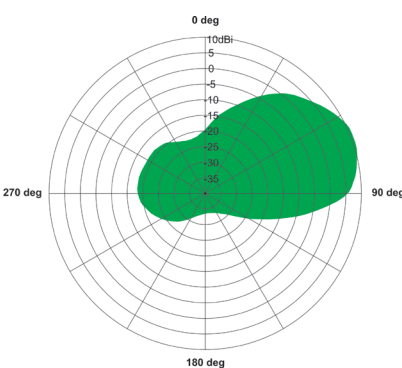
**08-ANT-0867-WALL**

SECTOR 120-2.4GHZ W/WALL MOUNT

Azimuth Coordinate Pattern



Elevation Coordinate Pattern



## Physical Specifications

- Width: 11 in
- Depth: 6 in
- Height: 4 in
- Weight: 10 oz
- Connector: SMA-Female
- Mounting: Mast Mount (1 1/4" - 2" Dia) or Wall Mount
- Construction: UV Stabilized Polymers, High Grade Aluminum
- Warranty: One year limited

## Typical Performance

- Frequency Range: 2-2.7GHz
  - Gain: 10dBi\*
  - 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.

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rethink the antenna™

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