



DATA SHEET

SECTOR 120-5GHZ

MULTI-POLARIZED HIGH GAIN DIRECTIONAL ANTENNA

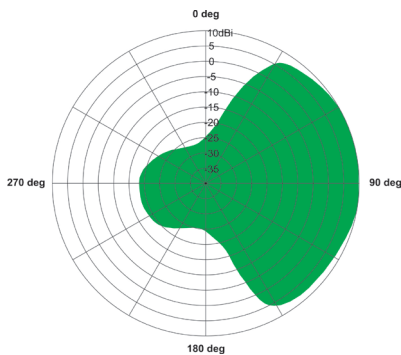
MODEL NO:

08-ANT-0880

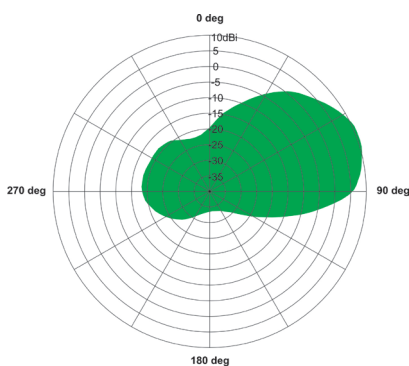
Applications

- 5GHz ISM Band Applications
- Point-to-Point and Multipoint Systems
- Wireless Broadband Systems
- Access Point, 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 120-5GHz 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 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 120-5GHz 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: 5 in x 3 in x 2 in
- Weight: 3 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: 4.9-5.9GHz
- 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.

rethink the antenna™

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