



DATA SHEET

# SECTOR 30-900MHZ

MULTI-POLARIZED HIGH GAIN DIRECTIONAL ANTENNA

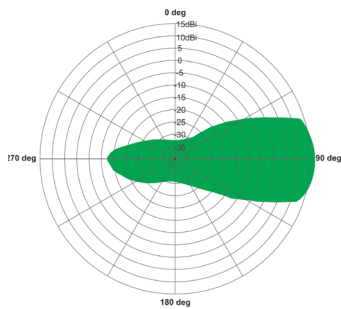
MODEL NO:

**08-ANT-0910**

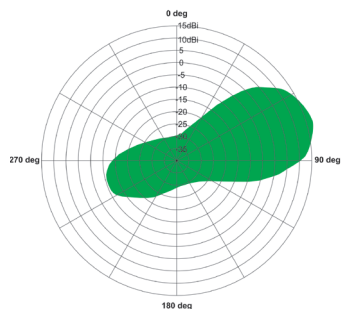
## Applications

- 902-928 Wireless Systems
- Point-to-Point and Multipoint Systems
- Wireless Broadband Systems
- Building Penetration and High Obstruction Deployments
- Smart Grid

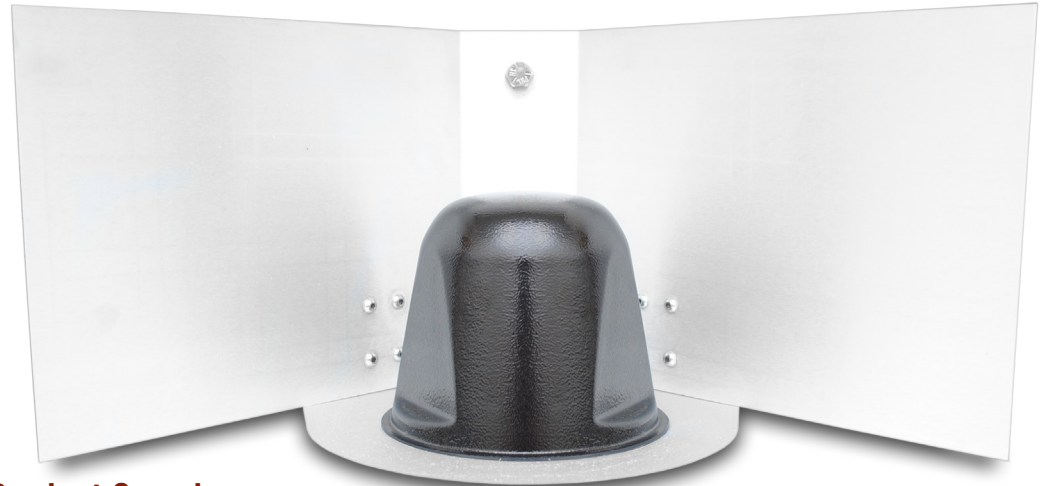
### Azimuth Coordinate Pattern



### Elevation Coordinate Pattern



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## Product Overview

The Multi-Polarized Sector 30-900MHz 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 30° directional pattern it provides exceptional 16dBi 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. The Sector 30-900MHz 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: 16 in x 11 in x 10 in
- Weight: 3.5 lbs
- Connector: SMA-Female
- Mounting: Down-Tilt Bracket Included
- Construction: UV Stabilized Polymers, High Grade Aluminum
- Warranty: One year limited

## Typical Performance

- Frequency Range: 902-940MHz
- Gain: 16dBi\*
- VSWR: 1.05:1-1.3:1
- Polarization: Multi-Polarized
- Power: 100 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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