



DATA SHEET

# OMNI-N (870-999)

MULTI-POLARIZED N-FEMALE MOUNT ANTENNA

MODEL NO:

**08-ANT-0922**

## Features

- Multi-Polarized
- Multiband Performance (870MHz-999MHz)
- Maximum Signal Stability
- Built In Spatial Diversity
- Easy Installation
- RoHS Compliant
- High Impact Polypropylene Radome

## Applications

- Mining Communications
- Public Safety Communications
- 902MHz - 928MHz ISM
- Wireless Broadband Systems
- Smart Grid Monitoring Systems
- SCADA
- M2M
- High Obstruction Deployments

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## Product Overview

The Omni-N by MP antenna is the latest in Multi-Polarized technology providing superior patterning for mobile voice and data communication from 870MHz-999MHz. Tested and approved by first responders, the Omni-N utilizes signals in all polarizations allowing users to transmit and receive all available signals in real world obstructed environments where other antennas fail to connect. The Omni-N works seamlessly with any radio, or data device to ensure maximum reliability for emergency services when it matters most

## Physical Specifications

- Diameter: 4.5 in
- Radome Height: 4 in
- Weight: 8 oz
- Construction: UV Stabilized ASA
- Color: Black or White
- Connector: N-Female
- Warranty: One year limited
- Ground Plane: Not included

## Typical Performance

- Frequency Range: 870-999MHz
- Gain: 3dBd (5.2dBi)\*
- VSWR: 1.1:1-1.6:1
- Polarization: Multi-Polarized
- Power: 200 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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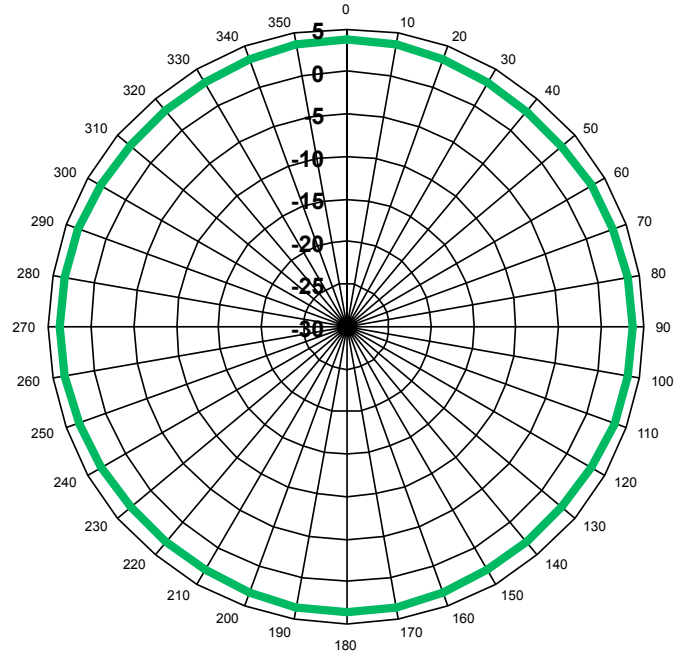


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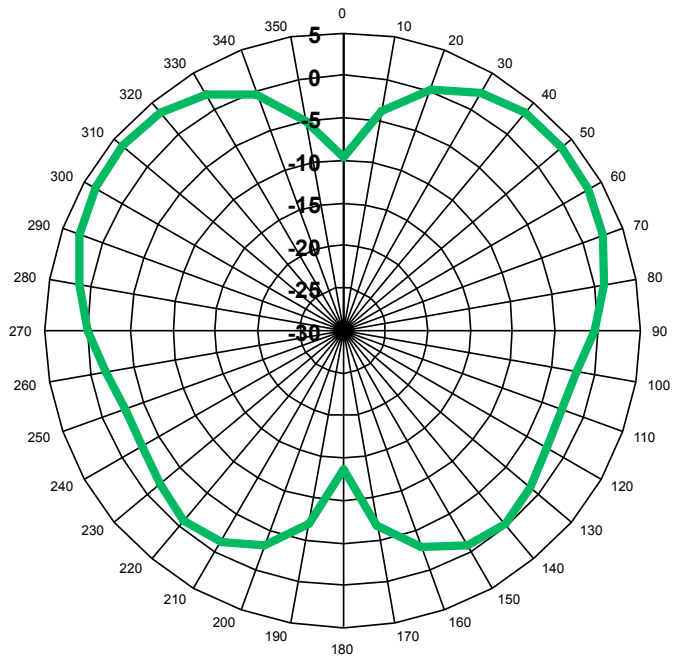
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### Azimuth Radiation Pattern



### Elevation Radiation Pattern



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