



DATA SHEET

# OMNI 3GHZ-N

MULTI-POLARIZED PERMANENT MOUNT ANTENNA

MODEL NO:

**08-ANT-0929**

## Features

- Multi-Polarized
- Obstruction Penetrating TX/RX
- Enhanced Connectivity & Throughput
- Built In Spatial Diversity
- Low Profile
- RoHS Compliant

## Applications

- Wireless Broadband Systems
- High Obstruction Deployments
- WIMAX

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## Product Overview

The Omni 3GHz-N is a low profile Multi-Polarized antenna designed for mobile data communications. The exceptional effective hemispherical, Multi-Polarized signal pattern provides unequalled wireless communication in "Real World" obstructed, non-line-of-sight (NLOS) environments. The Omni 3GHz-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.

## Physical Specifications

- Diameter: 2.5 in
- Radome Height: 1.75 in
- Weight: 2.6 oz
- Connector: N-Female
- Construction: UV Stabilized ASA
- Color: Black or White
- Warranty: One year limited
- Ground Plane: Not Included

## Typical Performance

- Frequency Range: 3-4GHZ
- Gain: 6dBi\*
- VSWR: 1:1-1.2:1
- 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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