

## 2.4 GHz Heavy Duty Antennas

A2406NJ-OCD and A2409NJ-OCD



### How to Contact Us: Sales and Support

All ProSoft Technology products are backed with unlimited technical support. Contact our worldwide Technical Support team directly by phone or email:

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## 2.4 GHz Heavy Duty Antennas

### A2406NJ-OCD and A2409NJ-OCD

The Omnidirectional Heavy Duty Antenna Series antennas are optimized for use in a wide variety of wireless systems.

These antennas consist of a collinear array with elements stacked vertically. Unique phasing cancels out-of-phase current distribution, improving system performance. This design maintains an omni pattern in the horizontal plane. The OCD series are free space antennas; no ground plane is required.

### Features and Benefits

- UV stable, pultruded fiberglass radome. Allows outdoor installation even in harsh climates.
- 6 dBi and 9 dBi antennas provide uniform omni coverage
- Unique design allows economical build out
- Mounting kit includes all hardware needed.
- Integral N-Female connector.

### General Specifications

<b>Radome Material</b>	Black fiberglass
<b>Polarization</b>	Vertical
<b>Nominal Impedance</b>	50 Ohms
<b>Mounting Base Diameter</b>	Use mast up to 2"
<b>Mounting Method</b>	Mast mount kit included
<b>Termination</b>	Type N jack

### Electrical Specifications

Model #	Frequency	Gain
A2406NJ-OCD	2400 to 2485 MHz	6 dBi
A2409NJ-OCD	2400 to 2485 MHz	9 dBi

Model #	Vertical Beamwidth (-3 dB point)	Maximum Power
A2406NJ-OCD	25°	25 Watts
A2409NJ-OCD	14°	25 Watts

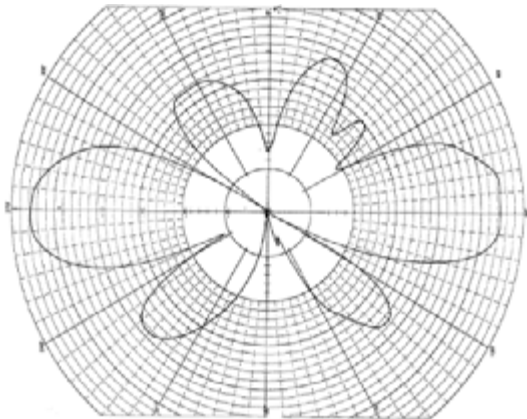
## Mechanical Specifications

Model #	Wind Survival	Equivalent Flat Plate Area
A2406NJ-OCD	100 mph	10 to 40 Sq. inch
A2409NJ-OCD	100 mph	10 to 40 Sq. inch

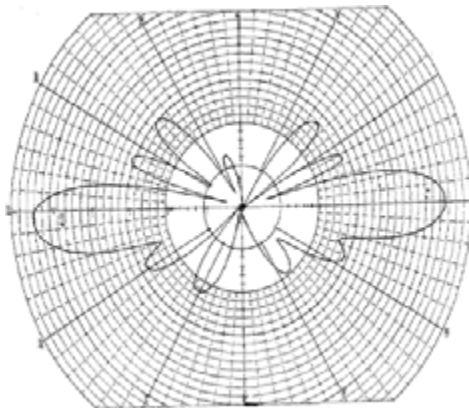
Model #	Height	Weight
A2406NJ-OCD	19"	1.5 lbs
A2409NJ-OCD	27"	2.0 lbs

## Patterns

### A2406NJ-OCD Elevation



### A2409NJ-OCD Elevation



## Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms.

Visit our web site at <http://www.prosoft-technology.com> for a complete list of products.

## Ordering Information

All antennas have been tested for compatibility with RadioLinx products. Please see our *Wireless Planning and Specification Guide* to assist you in choosing the best antenna for your application.

To order this product, please use the following:

**A2406NJ-OCD** 6 dBi Omnidirectional Antenna

**A2409NJ-OCD** 9 dBi Omnidirectional Antenna

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft distributors near you, go to <http://www.prosoft-technology.com>

### Distributors:

Place your order by email or fax to:

### North American / Latin American / Asia Pacific

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