



# Omnidirectional Base Station Antenna

## A2415NJ-OC

The A2415NJ-OC is a high gain omnidirectional base station WiFi antenna designed and optimized for the 2.4GHz ISM band. This antenna is ideally suited for IEEE 802.11b, 802.11g and 802.11n wireless LANs, Bluetooth® and other multipoint applications where long range and wide coverage is desired.

This antenna features an integral N-Female connector. The mounting system consists of a pair of steel brackets and 2.7 inch U-bolts, allowing installation on masts up to 2.0 inches in diameter.

## A2415NJ-OC

- 2.4 GHz ISM Band
- IEEE 802.11b, 802.11g, 802.11n Wireless LAN
- Bluetooth®
- Public Wireless Hotspot
- WiFi
- Wireless Video Systems
- Multipoint and Mobile Applications

All antennas have been tested for compatibility with RadioLinX products. Please see our Antenna Selection Guide to assist you in choosing the best antenna for your application.

## 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:

### Asia Pacific

+603.7724.2080, asiapc@prosoft-technology.com  
Languages spoken include: Chinese, Japanese, English

### Europe

+33 (0) 5.34.36.87.20, europe@prosoft-technology.com  
Languages spoken include: French, English

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Languages spoken include: Spanish, English

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Languages spoken include: Portuguese, English

## Features and Benefits

- Superior performance
- Lightweight fiberglass radome
- All weather operation
- Heavy-duty steel mounting brackets
- Integral N-Female connector
- RoHS Compliant

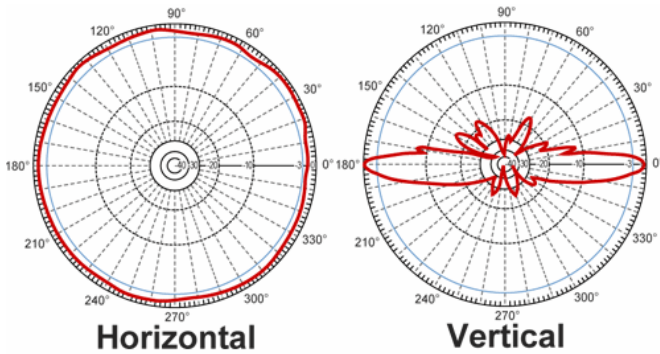
## General Specifications

<b>Connector</b>	Integral N-Female
<b>Weight</b>	3.3 lbs (1.5kg)
<b>Length</b>	40.5 in. (1.03m)
<b>Base Diameter</b>	1.69 in. (42.9mm)
<b>Radome Diameter</b>	1.52 in. (38.6mm)
<b>Radome Material</b>	Gray Fiberglass
<b>Mounting</b>	2.0" diameter mast max.
<b>Wind Survival</b>	up to 150 MPH
<b>Operating Temperature</b>	-40° C to to 85° C (-40° F to 185° F)
<b>RoHS Compliant</b>	Yes

## Electrical Specifications

<b>Frequency</b>	2400-2500 MHz
<b>Gain</b>	15 dBi
<b>Polarization</b>	Vertical
<b>Vertical Beam Width</b>	8°
<b>Horizontal Beam Width</b>	360°
<b>Impedance</b>	50 Ohm
<b>Max. Input Power</b>	100 Watts
<b>VSWR</b>	< 1.5:1 avg.
<b>Lightning Protection</b>	DC Ground

## RF Antenna Patterns



### 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.

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### Ordering Information

To order this product, please use the following:

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**A2415NJ-OC                      Omnidirectional Base Station  
Antenna**

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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:

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