



## 5 GHz Heavy Duty Base Station Antenna

### A5812NJ-OC

The RadioLinX 5 GHz Heavy Duty Base Station Antennas are designed to provide maximum performance and reliability under the toughest weather conditions. These antennas feature a U.V. stable, vented radome that provides the ultimate protection against weather elements. The antennas can be mast, wall, or ceiling mounted.

This antenna is composed of several linear antennas stacked on top of each other. The number of stacked elements increases the gain of the antenna. This array of antennas provides an omni-directional pattern. Polarity is vertical.

### Features and Benefits

- Superior Performance
- Heavy duty industrial grade design
- All weather operation
- DC Ground lightning protection
- Integral N-Female Connector
- Supplied with mast mounting kit
- RoHS Compliant

### General Specifications

<b>Radome Material</b>	UV resistant fiberglass
<b>Polarization</b>	Vertical
<b>Nominal Impedance</b>	50 Ohm
<b>Mounting Base Diameter</b>	2.28 inches
<b>Termination</b>	Type N jack standard with all models

### Electrical Specifications

<b>Frequency</b>	5725 to 5850 GHz
<b>Gain</b>	12 dBi
<b>Vertical Beamwidth</b>	6°
<b>VSWR</b>	< 1.5:1
<b>Max Power</b>	150 Watts
<b>Downtilt</b>	0°
<b>Lightning Protection</b>	DC Short

### 5 GHz Heavy Duty Base Station Antenna A5812NJ-OC

*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

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+33 (0) 5.34.36.87.20, support.EMEA@prosoft-technology.com  
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Languages spoken include: English, Spanish

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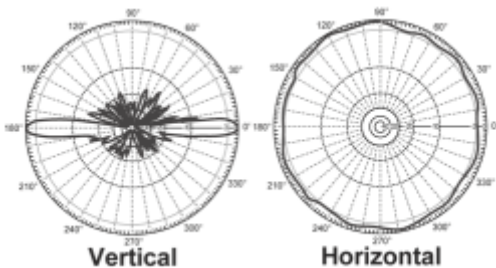
#### Brasil

+55-11.5084.5178, eduardo@prosoft-technology.com  
Languages spoken include: Portuguese, English

## Mechanical Specifications

<b>Weight</b>	1.5 lbs (0.7 kg)
<b>Length</b>	29.4 in. (0.7 m)
<b>Base Diameter</b>	2.28 in. (57.9 mm)
<b>Radome Diameter</b>	2.04 in. (51.8 mm)
<b>Mounting</b>	1.4 in. (35 mm) to 2.0 in. (50 mm) dia mast
<b>Rated Wind Velocity</b>	137 MPH/S (220 Km/S)
<b>Operating Temperature</b>	-40°C to 85°C (-40°F to 185°F)
<b>RoHS Compliant</b>	Yes

## 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.

## Ordering Information

To order this product, please use the following:

A5812NJ-OC      5 GHz Heavy Duty Base Station 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:

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