



## 2.4 GHz Parabolic Antennas

### A2419NJ-DB / A2424NJ-DB

The Parabolic Antenna is constructed of welded steel wires which are galvanized and then powder coat painted with a light gray epoxy paint. The wire grid semi-parabolic design offers unsurpassed low wind loading while maintaining good RF performance. The compact low visual impact attractive styling blends well in almost any application.

### Features and Benefits

- Rugged and Weatherproof
- Ultra Low Wind Loading and Low Visual Impact
- Vertical or Horizontal Polarization
- N-Female Connector

### General Specifications

<b>Radome Material</b>	White plastic
<b>Polarization</b>	Vertical or horizontal, linear (user adjustable)
<b>Nominal Impedance</b>	50 Ohms
<b>Termination</b>	Type N jack
<b>Temperature</b>	-40°C to +70°C (-40°F to +158°F)

### Electrical Specifications

Product #	Frequency Range	Gain
A2419NJ-DB	2.4 to 2.485 GHz	19 dBi
A2424NJ-DB	2.4 to 2.485 GHz	24 dBi

Product #	3dB BW	VSWR	Front-to-Back Ratio
A2419NJ-DB	11 in. V 17 in. H	< 1.5:1	22 dB
A2424NJ-DB	8 in. V 10 in. H	< 1.5:1	25 dB

### Mechanical Specifications

Product #	Dimensions
A2419NJ-DB	16.5 in. x 24 in. (419 x 610 mm)
A2424NJ-DB	28.5 in. x 36 in. (724 x 914 mm)

Product #	Weight	Vertical Tilt
A2419NJ-DB	6 lbs (2.7 kg)	0 to 45°
A2424NJ-DB	11 lbs (5 kg)	0 to 45°

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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 - Middle East - Africa

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

#### North America

+1.661.716.5100, support@prosoft-technology.com  
Languages spoken include: English, Spanish

#### Latin America (Sales only)

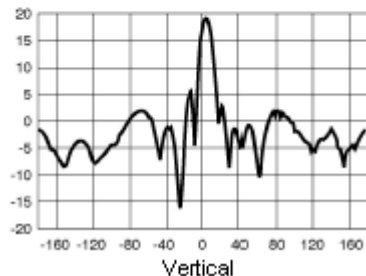
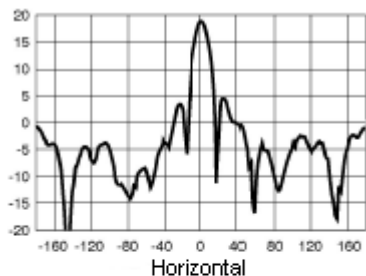
+1.281.298.9109, latinam@prosoft-technology.com  
Languages spoken include: Spanish, English

#### Brasil

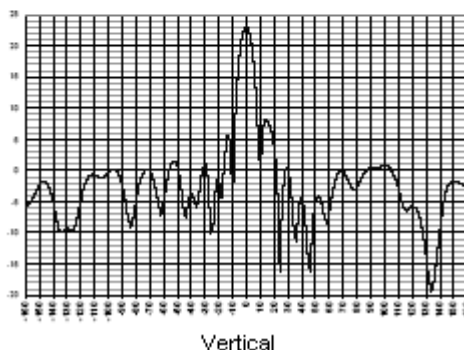
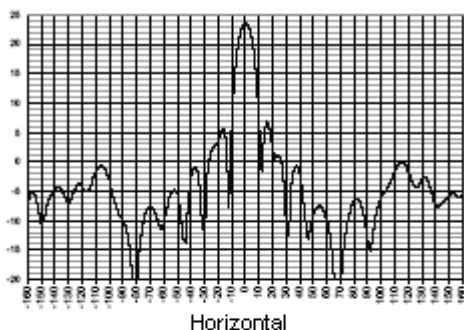
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Languages spoken include: Portuguese, English

## Patterns

### A2419NJ-DB



### A2424NJ-DB



## 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:

**A2419NJ-DB** 19 dBi Directional N Jack Parabolic Antenna  
2.4 GHz

**A2424NJ-DB** 24 dBi Directional N Jack Parabolic Antenna  
2.4 GHz

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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**North American / Latin American / Asia Pacific**  
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### Europe

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