



2.4 GHz Sectorized Antenna

A2416NJ-DS-A

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.

The RadioLinx A2416NJ-DS-A Sectorized Antenna is ideal for the following applications:

- WiMax Applications
- Base Station Antennas
- 802.11b and 802.11g Wireless Systems
- Point to Multi-point Systems
- Broadband Wireless Access
- MMDS Applications

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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 Languages spoken include: Portuguese, English

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The RadioLinx Sectorized Antennas are designed to provide maximum performance and reliability under the toughest weather conditions. These antennas feature UV stable fiber glass radomes. The 45deg sector has a UV Stable ASA plastic radome. The radome construction gives long service life under the most demanding conditions. The antennas are constructed using corrosion resistant metal elements and a unique air dielectric system which are more stable than PCB based antenna systems because they don't absorb moisture, which can degrade the performance of PCB based antenna systems. The sectors come with a stainless steel scissor bracket mounting system for ease of installation and alignment.

Features and Benefits

- Vertically Polarized Wide Band Performance
- Type N Female Integrated Connector
- Extremely Rugged for long service life in extreme environments
- Weatherproof

General Specifications

Parameter	Min	Typ	Max	Units
Frequency Range	2300		2500	MHz
VSWR		1.5:1		
Impedance		50		OHM
Input Power			50	W
Pole Diameter (OD)	1.38" (35)		2.95" (75)	Inch (mm)
Operating Temperature	-40		+60	°C

Electrical Specifications

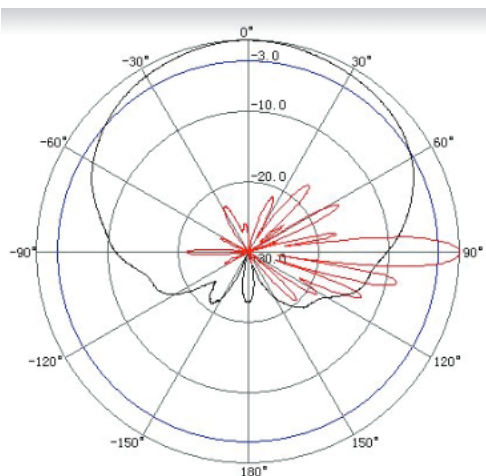
Specification	Description
Gain	16dBi
Horizontal Beam Width	120 deg
Vertical Beam Width	6.5 deg
Front to Back	20 dB
Mechanical Downtilt	10 deg
Weight	7.8 lb (3.3 kg)
Dimensions (LxWxH)	46 x 5 x 2.2 in (1168 x 127 x 56 mm)

Wind Loading

Rated wind velocity: 60 m/s

Patterns

A2416NJ-Horizontal Plane @ 2400 MHz



Additional Products

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

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

Ordering Information

To order this product, please use the following:

A2416NJ-DS-A 2.4 GHz Sectorized 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>

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