



5 GHz Panel/Patch Antennas

A5019NJ-DP / A5024NJ-DP

The RadioLinX Directional Panel/Patch Antennas are designed to cover the 5 GHz ISM band, obtaining maximum gain with an attractive, low profile package. All models provide efficient and stable performance across the band and can be mounted indoors or outdoors. The antenna can be used in horizontal or vertical polarization.

Features and Benefits

- High Gain / Low Profile / Wide Band
- Pole Mount or Surface Mount
- Rugged and Weatherproof
- Vertical or Horizontal Polarization
- Type N Female Connector

General Specifications

Cross Polarization	25 dB
Lightning Protection	Direct Ground
Mounting Method	Mounting brackets included
Termination	Type N jack

Electrical Specifications

Product #	Frequency Range	Gain
A5019NJ-DP	5150 to 5825 GHz	19 dBi
A5024NJ-DP	5150 to 5825 GHz	24 dBi

Product #	Front-to-Back Ratio	Max Power
A5019NJ-DP	> 30 dB	100 W
A5024NJ-DP	> 40 dB	100 W

Product #	Horizontal Beamwidth	Vertical Beamwidth	VSWR
A5019NJ-DP	16°	16°	< 2.0:1
A5024NJ-DP	8°	8°	< 1.5:1

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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

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

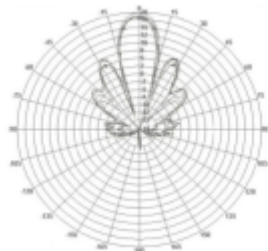
Mechanical Specifications

Product #	Sq. In.	100 MPH	125 MPH	100 MPH with 1/2 in. radial ice
A5019NJ-DP	56	14 lbs	22 lbs	14 lbs
A5024NJ-DP	163	41 lbs	64 lbs	41 lbs

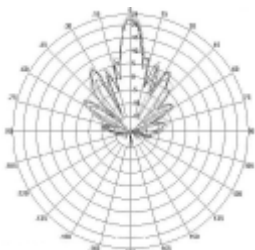
Product #	Dimensions
A5019NJ-DP	7.5 in. W x 7.5 in. H x 0.8 in. D (190mm x 190mm x 20mm)
A5024NJ-DP	15.4 in. W x 14.6 in. H x 0.8 in. D (390mm x 371mm x 21mm)

Patterns

A5019NJ-DP Antenna Pattern



A5024NJ-DP Antenna Pattern



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 RadioLinx Wireless Planning and Specification Guide to assist you in choosing the best antenna for your application.

To order this product, please use the following:

A5019NJ-DP 19 dBi Panel Antenna

A5024NJ-DP 24 dBi Panel 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

orders@prosoft-technology.com,
fax to +1 661.716.5101

Europe

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