



2.4 GHz Panel/Patch Antennas

A2408NJ-DP / A2413NJ-DP / A2419NJ-DP

The RadioLinX Directional Panel/Patch Antennas are designed to cover the 2.45 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.

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
A2408NJ-DP	2.4 to 2.5 GHz	8.5 dBi
A2413NJ-DP	2.4 to 2.5 GHz	13 dBi
A2419NJ-DP	2.4 to 2.5 GHz	19 dBi

Product #	Front-to-Back Ratio	Max Power
A2408NJ-DP	> 30 dB	100 W
A2413NJ-DP	> 30 dB	100 W
A2419NJ-DP	> 30 dB	100 W

Product #	Horizontal Beamwidth	Vertical Beamwidth	VSWR
A2408NJ-DP	60°	60°	< 1.5:1
A2413NJ-DP	38°	38°	< 1.5:1
A2419NJ-DP	18°	18°	< 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:

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Languages spoken include: Spanish, English

Brasil

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Languages spoken include: Portuguese, English

Mechanical Specifications

Product #	Wind/ice loading area	Lateral Thrust @ 100 mph
A2408NJ-DP	26.5 in ² (171 cm ²)	5 lbs (11 kg)
A2413NJ-DP	72 in ² (466 cm ²)	10 lbs (22 kg)
A2419NJ-DP	240 in ² (1552 cm ²)	15 lbs (33 kg)

Product # Torsional moment @ 100 mph with standard mounting

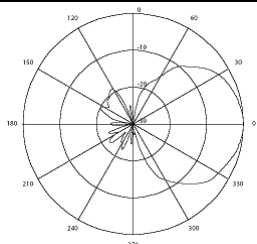
A2408NJ-DP	0.1 ft/lbs (0.22 m/kg)
A2413NJ-DP	0.2 ft/lbs (0.22 m/kg)
A2419NJ-DP	0.4 ft/lbs (0.88 m/kg)

Product # Dimensions

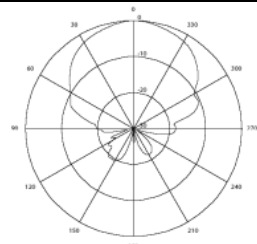
A2408NJ-DP	5.15 in. W x 5.15 in. H x .82 in. D (13.1 x 13.1 x 2.1 cm)
A2413NJ-DP	8.5 in. W x 8.5 in. H x 1.125 in. D (21.6 x 21.6 x 2.8 cm)
A2419NJ-DP	15.5 in. W x 15.5 in. H x 1.125 in. D (39.4 x 39.4 x 2.8 cm)

Patterns

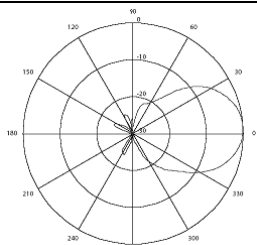
A2408NJ-DP Elevation



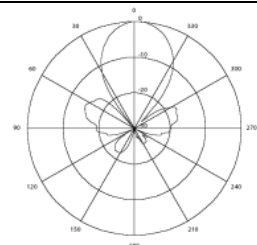
A2408NJ-DP Azimuth



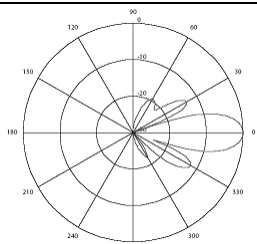
A2413NJ-DP Elevation



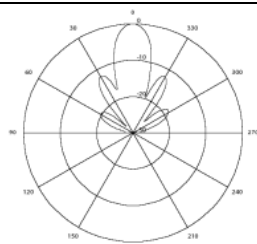
A2413NJ-DP Azimuth



A2419NJ-DP Elevation



A2419NJ-DP Azimuth



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:

A2408NJ-DP	8 dBi Panel Antenna
A2413NJ-DP	13 dBi Panel Antenna
A2419NJ-DP	19 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:

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