



## 2.4/5GHz Multi-band Directional Panel Antenna

### A2508NJ-DP

The RadioLinX Directional Panel/Patch Antennas are designed to cover 2.4 GHz and 5.8 GHz ISM frequencies, obtaining maximum gain in an attractive, low-profile package.

This model provides efficient and stable performance across its 802.11a/b/g bands and can be mounted indoors or outdoors.

### Features and Benefits

- PCB design. Provides best performance-to-price ratio.
- UL94-V0 plastic and PC board conform to UL's high flame retardant rating, allowing maximum placement flexibility. Meets stringent building code requirements.
- Attractive, low profile housing. Blends well with indoor and outdoor environments where aesthetic considerations are important.
- Corner exit RG-58/U pigtail design. Permits the panel to be mounted in vertical or horizontal polarity.
- Adjustable mounting brackets for indoor installation are included. Indoor corner mounting bracket and heavy duty outdoor mounting brackets are also available. These provide maximum flexibility for indoor or outdoor installations.

### General Specifications

Specification	Value
Polarization	Linear, vertical / horizontal
Nominal Impedence	50 ohms
Radome Material	UL 94-V0 plastic
Connector	N female

### Electrical Specifications

Specification	Value
Frequency Range	2.4 / 5.8 GHz
Gain	8 dBi / 9 dBi
VSWR	< 2.0:1 / < 2.0:1
3 dB Horizontal Beamwidth	60° / 50°
3 dB Vertical Beamwidth	60° / 40°
Front-to-Back Ratio	> 22 dB / > 15 dB

### Multi-band Directional Panel Antenna

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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

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Languages spoken include: Portuguese, English

## Mechanical Specifications

Specification	Value
Dimensions	5.1 x 4.7 x 1.5 in (12.9 x 11.9 x 3.8 cm)
Weight (Mass)	0.5 lbs (0.23 kg)
Temperature Range	-40°C to +70°C
Cable	12 in (30.5 cm) Plenum Rated ML195

## 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.

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## Ordering Information

To order this product, please use the following:

A2508NJ-OC      Multi-band Directional 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>

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