



**INTELLINET**  
NETWORK SOLUTIONS

BRINGING NETWORKS TO LIFE



# High-Gain Panel Directional Antenna

**2.4 GHz, 9 dBi**

**Ideal for extending the range of your wireless network indoors or outdoors.**

**Model**  
521383

The INTELLINET NETWORK SOLUTIONS™ High-Gain Panel Directional Antenna is used to extend the range of coverage for the wireless network in a single direction. It requires an access point or wireless router with a reverse SMA connector, both of which are sold separately and are available through your INTELLINET NETWORK SOLUTIONS dealer.\* Ideal for delivering extended access range when positioned in the corner of a building or between buildings in a campus-type environment.

## **Increased Range**

Since the High-Gain Panel Directional Antenna provides a high gain of 9 dBi, it allows you to extend the range of your existing wireless network.\*\*

## **Waterproof**

The High-Gain Panel Directional Antenna is made using weatherproof and corrosion-resistant material, and can be used indoors or outdoors.

## **Avoid Running Cable Outdoors**

Using the High-Gain Panel Directional Antenna will allow you to avoid the cost and effort associated with running outdoor cable between buildings. Now you don't need to dig up concrete and disrupt your campus or building-to-building environment in order to expand your wireless network.

## **Lifetime Warranty**

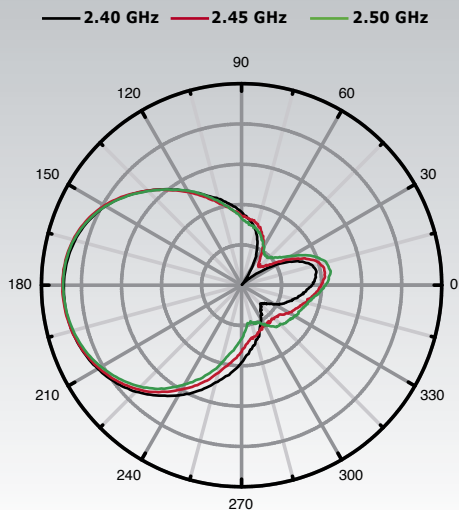
Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.

\* Other items recommended are an Antenna Surge Arrestor and an Antenna Cable Adapter. Contact your INTELLINET NETWORK SOLUTIONS provider for ordering information.

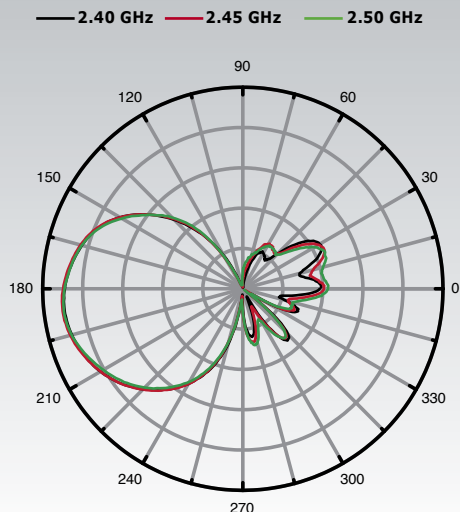
\*\* To obtain optimal results in extending the range of your wireless network, it is recommended that a professional installer service is consulted for a site survey and proper installation.



## H-Plane Co-Polarization Patterns



## V-Plane Co-Polarization Patterns



LIFETIME  
WARRANTY

Model  
521383

## Features

- 9 dBi gain antenna
- Ideal for building-to building wireless connections
- Weatherproof and corrosion resistant
- N-type female connector
- 45° horizontal and vertical beam width
- Includes 45 cm (1.5 ft.) cable
- For pole and wall mounting
- Lifetime Warranty

## Specifications

### ELECTRICAL SPECIFICATIONS

- Frequency range: 2.4 – 2.5 GHz
- Gain: 9 dBi
- VSWR: 1.92:1 maximum
- Polarization: linear, vertical
- HPBW/horizontal: 45°
- HPBW/vertical: 45°
- Power handling: 10 W
- Impedance: 50 Ohms
- Connector: N-type female
- Cable length: 45 cm (1.5 ft.)

### ENVIRONMENTAL & MECHANICAL CHARACTERISTICS

- Operating temperature: -30 – 80°C (-22 – 176°F)
- Storage temperature: -40 – 85°C (-40 – 185°F)
- Humidity: 95% RH
- Radome color: white
- Radome material: ABS
- Weight: 170 g (6 oz.)
- Dimensions: 120 (L) x 120 (W) x 40 (H) mm (4.7 x 4.7 x 1.6 in.)

### PACKAGE CONTENTS

- High-Gain Panel Directional Antenna
- Mounting hardware

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).



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