



## High-Gain Panel Directional Antenna

2.4 GHz, 15 dBi, IP68

Part No.: **500449**

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 15 dBi, it allows you to extend the range of your existing wireless network.\*\*

### Waterproof

The IP68-rated 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.

\* 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.

### Features:

- 15 dBi gain antenna
- Ideal for building-to-building wireless connections
- Weatherproof and corrosion resistant, IP68
- N-type female connector
- 33° horizontal and 32° vertical beam width
- For pole and wall mounting
- Three-Year Warranty

### Specifications:

#### Electrical Specifications

- » Frequency range: 2.4 - 2.5 GHz
- » Gain: 15 dBi
- » VSWR:  $\leq 2.0$
- » Polarization: linear, vertical
- » HPBW/horizontal:  $33^\circ$
- » HPBW/vertical:  $32^\circ$
- » Power handling: 10 W
- » Impedance: 50 Ohms
- » Connector: N-type female

#### Environmental & Mechanical Characteristics

- » Operating temperature:  $-20 - 65^\circ\text{C}$  ( $-4 - 149^\circ\text{F}$ )
- » Storage temperature:  $-30 - 70^\circ\text{C}$  ( $-22 - 158^\circ\text{F}$ )
- » Cover material: ABS + PC
- » Base material: aluminum
- » Weight: 1.3 kg (2.9 lbs.)
- » Dimensions: 260 (L) x 260 (W) (10.2 x 10.2 in.)

#### Package Contents

- » High-Gain Panel Directional Antenna
- » Mounting hardware

