



OAN-4121 Version: 1

## 12dBi 5GHz Omnidirectional Antenna, Indoor/Outdoor

The LevelOne OAN-4121 is an omni-directional antenna operating on the 5 GHz frequency that can be mounted either indoors or outdoors. The antenna's gain value is 12dBi, and if mounted outdoors the weatherproof housing can withstand temperatures from minus 30°C up to 60°C, as well as rain, snow, dust and other harsh conditions.

### Key Features

- For IEEE 802.11a/n Wireless applications in 5 GHz frequency range
- Provides 12dBi omnidirectional operation
- Low wind loading
- -30°C to 60°C operating temperature range

### Specifications

#### System Specifications

Connector:

N Female

Impedance (Ohms):

50 Ohms

HPBW / Horizontal:

360°

HPBW / Vertical:

17.5°

VSWR:

≤2.0

Polarization:

Vertical

#### Wireless

Frequency Band:

5.45~5.835 GHz

#### Performance



Return Loss:

<=-10

### Environment

Temperature (°C):

-30°C ~ +60°C

Humidity (Non-condensing):

95% @ 55°C

### Physical Specifications

Dimensions (W x D x H mm):

559\*70\*53mm

Weight (g):

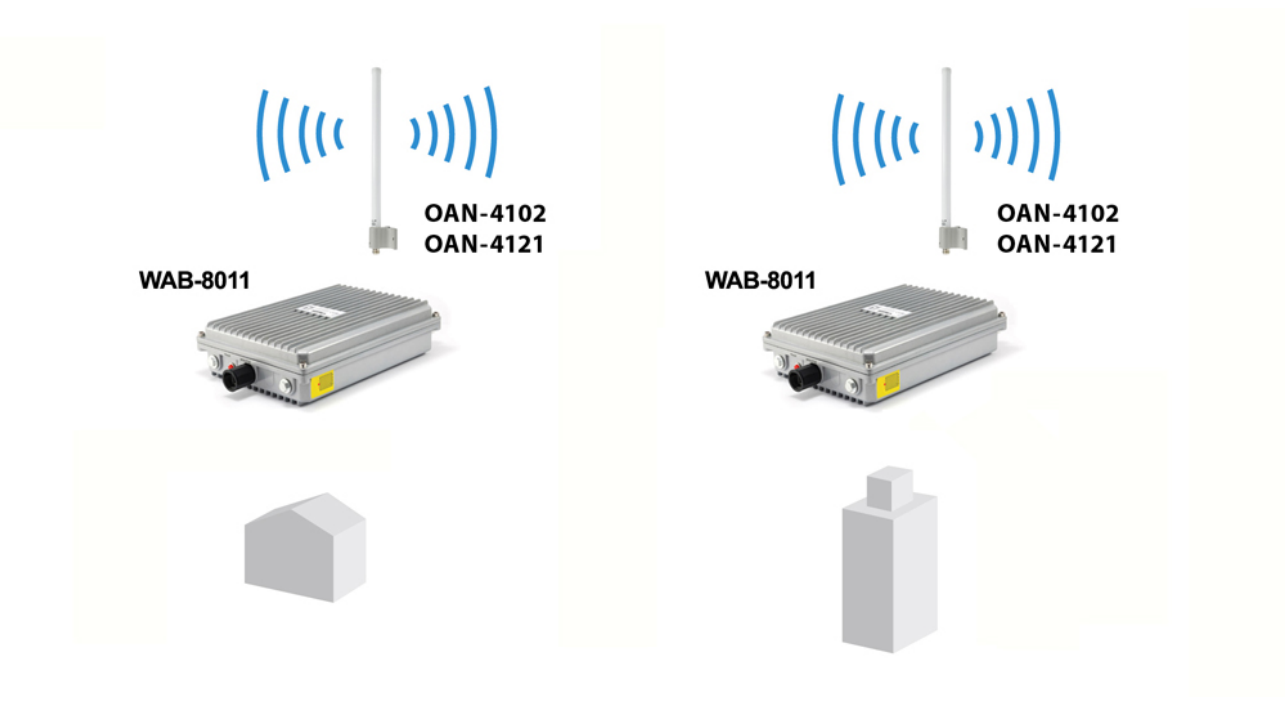
300g

### Reliability

Survival Wind Speed:

50 m/s

### Diagram



### Order Information

OAN-4121

### Package Contents

OAN-4121

Pole Mount Kit

Quick Installation Guide

## Optional Accessory



### **ANC-4110**

1m Antenna Cable, CFD-400, N Male Plug to N Male Plug, Indoor/Outdoor



### **ANC-4130**

3m Antenna Cable, N Male Plug to N Female Jack



### **ANC-4150**

5m Antenna Cable, CFD-400, N Male Plug to N Male Plug, Indoor/Outdoor



### **ANC-4160**

6m Antenna Cable, N Male Plug to N Female Jack