

OAN-2121 Version: 1



## 12dBi 2.4GHz Omnidirectional Antenna, Indoor/Outdoor

The LevelOne OAN-2121 is an omni-directional antenna operating on the 2.4 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 802.11b/g/n/ac Wireless applications in 2.4GHz frequency range
- Provides 12dBi omnidirectional operation
- Low wind loading
- -40°C to 70°C operating temperature range

### Specifications

#### System Specifications

Connectors and Cabling:

N Female

Impedance (Ohms):

50 Ohms

HPBW / Horizontal:

360°

HPBW / Vertical:

9.7°

VSWR:

? 2.0

Polarization:

Vertical

#### Wireless

Frequency Band:

2.4GHz

#### Performance



Return Loss:  
? -10

## Environment

Temperature (°C):  
-30? ~ +60?

Humidity (Non-condensing):  
95% @ 55°C

## Physical Specifications

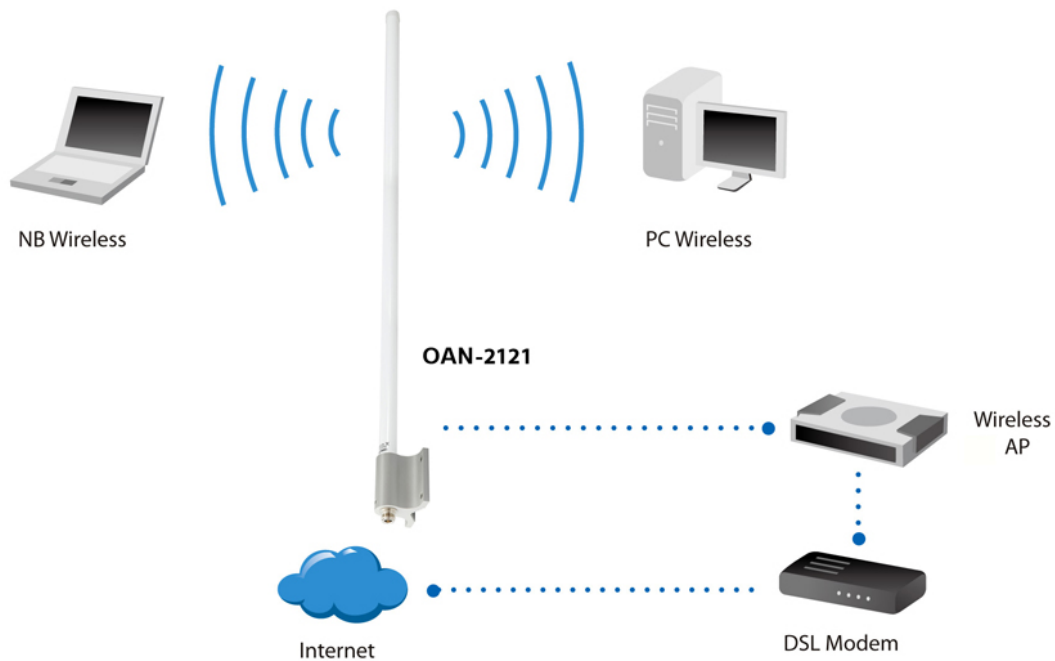
Dimensions (W x D x H mm):  
960\*70\*53 mm

Weight (g):  
476g

## Reliability

Survival Wind Speed:  
50 m/s

## Diagram



## Order Information

OAN-2121

## Package Contents

OAN-2121  
Pole Mount Kit  
Quick Installation Guide

## Optional Accessory



### **ANC-4130**

3m 400 Series N Plug to N Jack Antenna Cable



### **ANC-4160**

6m 400 Series N Plug to N Jack Antenna Cable

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