

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 Wireless applications in 2.4GHz 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:

9.7°

VSWR:

<=2.0

Polarization:

Vertical

#### Wireless

Frequency Band:

2.4GHz

#### 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):**

960\*70\*53 mm

**Weight (g):**

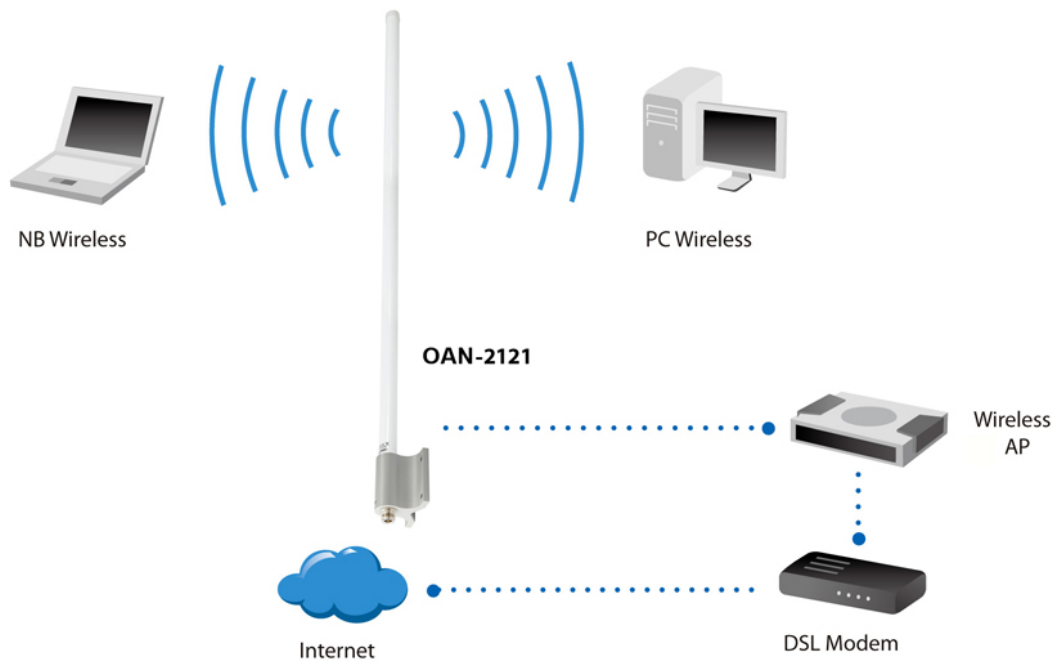
476g

**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-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