



## 8dBi Omni-Directional Outdoor Antenna

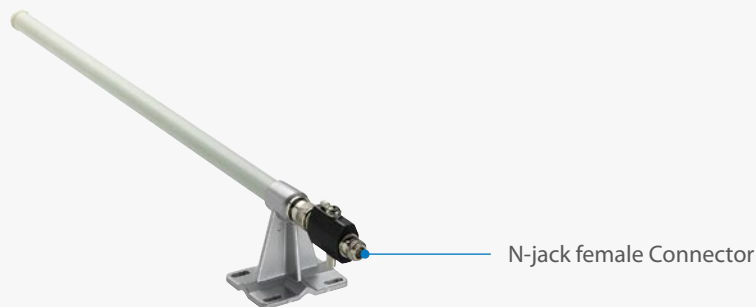
OAN-2081



### H/W Version: 1

LevelOne provides OAN-2081 8dBi Omni-directional Outdoor Antenna Kit to increase the coverage area for wireless 802.11b/g/n devices. Especially designed for outdoor application.

Antenna can be easily fastened on the wall or installed on the pole. The antenna has been tested for interoperating with LevelOne's wireless indoor/outdoor Access Point with both reverse SMA Male or N-Type antenna connector.



### Key Features

- For IEEE 802.11b/g/n applications in 2.4GHz Frequency Range
- Surge protector to prevents the lightning
- Easy to install
- Omni-directional operation provides extended point to multi-point coverage

### Works Well With



**WAB-7000**  
11a/b/g Outdoor PoE Wireless



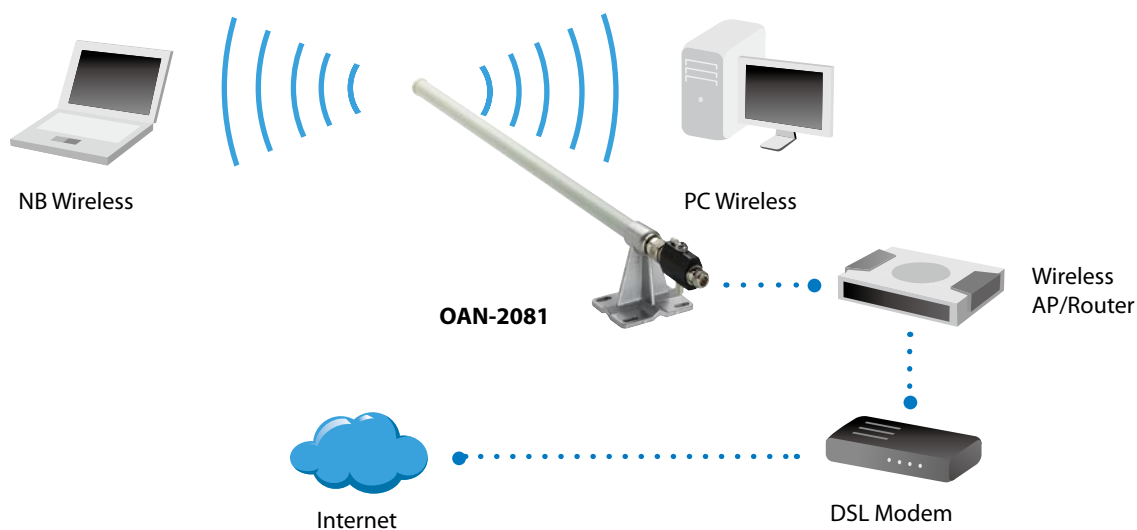
**WAB-3002**  
11g Outdoor PoE Wireless Access Point

## Technical Specification

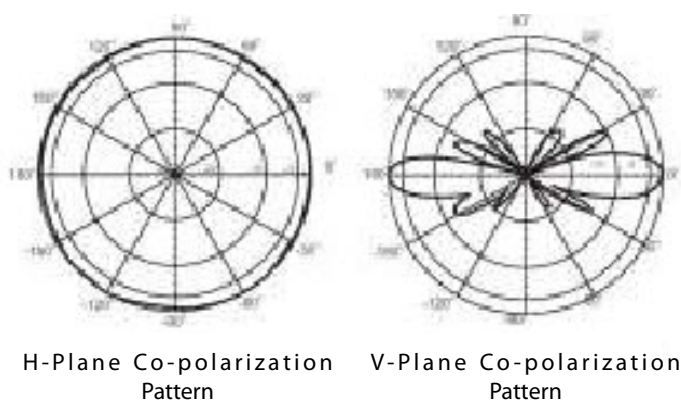
Electrical Specification
<b>Frequency Band</b> 2.4~2.5GHz
<b>Gain</b> 8 dBi
<b>VSWR</b> 2.0:1 Max
<b>Polarization</b> Linear vertical
<b>Appr. Range at 1 Mbps</b> 1.8 km under FCC 800 under ETSI
<b>Appr. Range at 54 Mbps</b> 600m under FCC 270 under ETSI
<b>HPBW/ Horizontal</b> 360°
<b>HPBW/ Vertical</b> 15°

Environmental & Mechanical Characteristic
<b>Survival wind speed</b> 216 KM/Hour
<b>Temperature</b> - 40°C to +80°C
<b>Humidity</b> 95% @ 25oC
<b>Power Handling</b> 50 W
<b>Impedance</b> 50 Ohms
<b>Dimension</b> 19 x 520 mm
<b>Weight</b> 337 g
<b>EMI and Safety</b> FCC, CE

## Product Diagram



## Radiation Pattern



## Order Information

**OAN-2081:** Omni-Directional Outdoor Antenna

## Package Content

OAN-2081, Wall & Pole Mounting

## Optional Accessories



**ANC-4230**  
400 Series N plug to N  
plug Cable 3m



**ANC-2210**  
200 Series N plug to N  
plug Cable 1m



**ANC-2310**  
200 Series N plug to  
RPSMA plug Cable 1m



**ANA-6100**  
6GHz Outdoor  
Arrestor



**ANA-3100**  
3GHz Outdoor Arrestor



**ANC-2330**  
200 Series N plug to  
RPSMA plug Cable 3m

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