



## 9 dBi Omni Directional Indoor/ Outdoor Antenna Kit

OAN-2090



H/W Version: 1

OAN-2090 is an all-inclusive antenna kit for indoor/outdoor applications. It is a great solution to help improve the distance and performance of wireless local area networks (WLANs).

It is durable and reliable, perfectly suited for outdoor deployments in even the most severe weather conditions.

Bundled in the package is LevelOne's ANC-2330. This is a 3-meter N plug to RPSMA plug cable that is included to help with flexible installation. OAN-2090 also includes a surge protector to protect against lightning strikes and a durable mounting kit for secure installation.



N-jack female Connector

### Key Features

- For IEEE 802.11 b/g application in 2.4GHz Frequency Range
- Surge protector included to avoid lighting damage
- Omni-directional operation provides extended point to multi-point coverage
- Standard N-jack connector
- 3 meter cable, with standard N-Plug and RP-SMA-Plug

### Works Well With



#### WAB-7000

11a/b/g Outdoor PoE Wireless



#### WAB-3002

11g Outdoor PoE Wireless  
Access Point

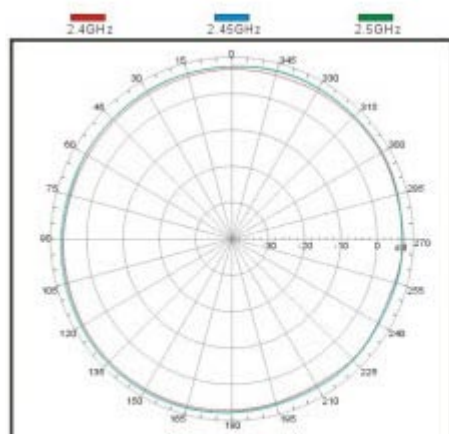
## Technical Specification

Electrical Characteristics	Environmental & Mechanical Characteristic
<b>Frequency Range</b> 2.4~2.5GHz	<b>Survival wind Speed</b> 180km/hr
<b>Gain</b> 8.5± 0.5dBi	<b>Operating Temperature</b> -20°C to + 65°C
<b>VSWR</b> 1.8:1 max	<b>Storage Temperature</b> -30°C to + 75°C
<b>Polarization</b> Linear vertical	<b>Impedance</b> 50Ω
<b>HPBW/Horizontal</b> 360 °	<b>Lighting Protection</b> DC ground
<b>HPBW/Vertical</b> 15 °	<b>Material</b> Fiber Glass
<b>Connector</b> N female	<b>Dimensions</b> H 525mm x W 77mm x D78mm

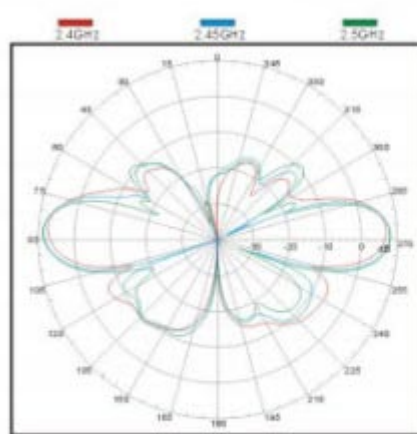
## Product Diagram



## Radiation Pattern



H-Plane



V-Plane

**Order Information**

**OAN-2090:** 9 dBi Omni Directional Indoor/Outdoor Antenna Kit

**Package Content**

OAN-2090, 3M Cable, Mounting Kit, Surge Protector, Quick Installation Guide

**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-3100**  
3GHz Outdoor Arrestor



**ANA-6100**  
6GHz Outdoor Arrestor



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

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