



15dBi Omni-Directional Outdoor Antenna

OAN-2151

H/W Version: 1

Product Overview

The LevelOne OAN-2151 Outdoor Antenna provides outdoor WiFi spots, hotspots and RFID reception areas with extended wireless network access to 802.11b/g/n wireless local area networks.

Connect to LevelOne Access Points and Routers

The OAN-2151 easily connects to LevelOne wireless routers and access points to provide extended wireless network coverage to outdoor areas. The ships with

a fixed N-female connector that connects through a reverse SMA connector to supported LevelOne wireless routers and APs.

High-Quality Outdoor Antenna

The OAN-2151 Outdoor Antenna is made of fiberglass and is suitable for all weather conditions. It can withstand wind gusts of up to 210km/h and provides lightning protection.



N-jack female Connector

** Antenna cable and arrestor are not included

Key Features

- For IEEE 802.11b/g/n Wireless applications in 2.4G ~ 2.5GHz ISM Band
- 15dBi Omni-Directional provides for extended wireless network coverage
- Lightweight and all-weather operation
- Outdoor antenna for public hot-spots, WiFi and RFID applications
- Includes a U-Bolt mounting bracket

Works Well With



WAB-7000
11a/b/g Outdoor PoE Wireless Access Point



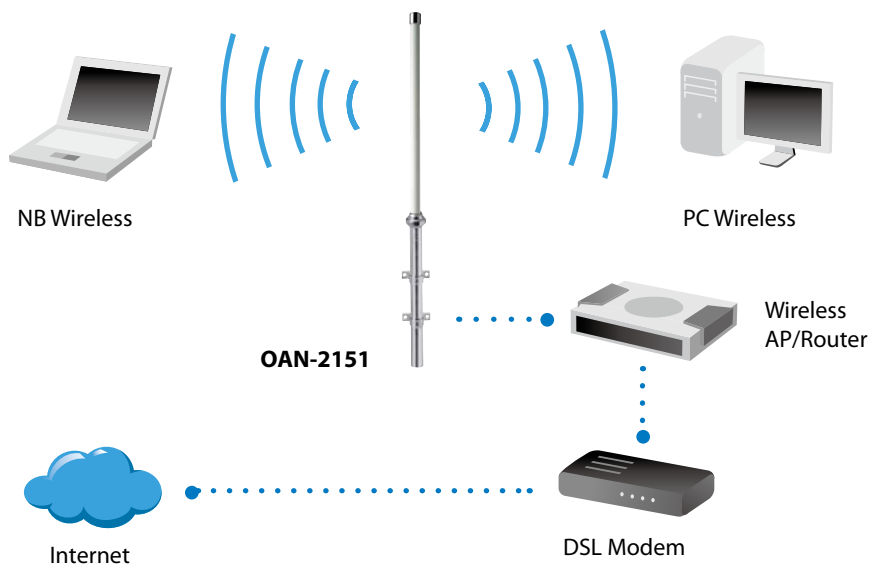
WAB-3002
11g Outdoor PoE Wireless Access Point

Technical Specification

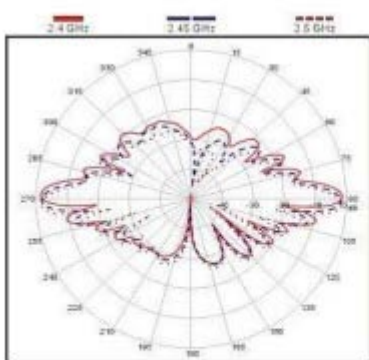
| Electrical Specification | |
|------------------------------|----------------|
| Frequency Band | 2.4GHz-2.5GHz |
| Gain | 15dBi |
| VSWR | ≤1.5 |
| Polarization | Vertical |
| Horizontal Beam width | 360° |
| Vertical Beam width | 9° |
| Impedance | 50Ω |
| Connector | Fixed N Female |
| Admitted Power | 50W |

| Antenna Type | Collinear Environmental & Mechanical Characteristic |
|---|---|
| Environmental & Mechanical Characteristic | |
| Survival Wind Speed | 216km/hr |
| Operating Temperature | -40°C ~ + 80°C |
| Antenna Length | 1860mm |
| Antenna Diameter | 51mm |
| Weight | 1.8kg |
| Random Material | White Fiberglass |
| | Clamps |
| | U-Bolt |

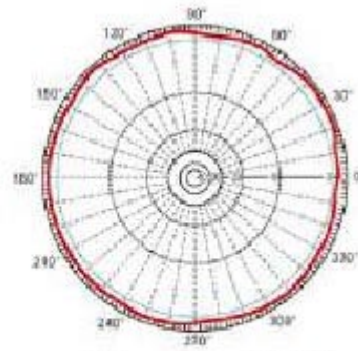
Product Diagram



Radiation Pattern



E-Plane Co-polarization
3-dB Beam width = 9°



H-Plane Co-polarization
3-dB Beam width = 360°

Order Information

OAN-2151: 15dBi Omni-Directional Outdoor Antenna

Package Contents

OAN-2151, Mast Mounting Kits

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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