

## 15dBi Omni-Directional Outdoor Antenna

### Product Overview

The LevelOne OAN-2150 Outdoor Antenna provides outdoor WiFi spots, hotspots and RFID reception areas with extended wireless network access to 802.11b, 802.11g and draft 802.11n wireless local area networks.

### Connect to LevelOne Access Points and Routers

The OAN-2150 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-2150 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.

This antenna kit includes the OAN-2150 Omni-Directional Outdoor Antenna, a 3 meter CLF400 extension cable, a 1.5 meter CLF200 jumper cable, a surge protector and a mounting kit.

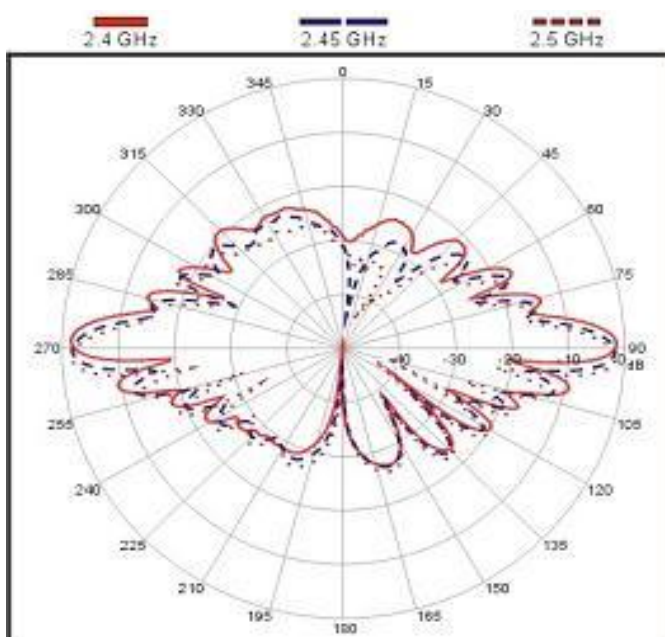


**OAN-2150**

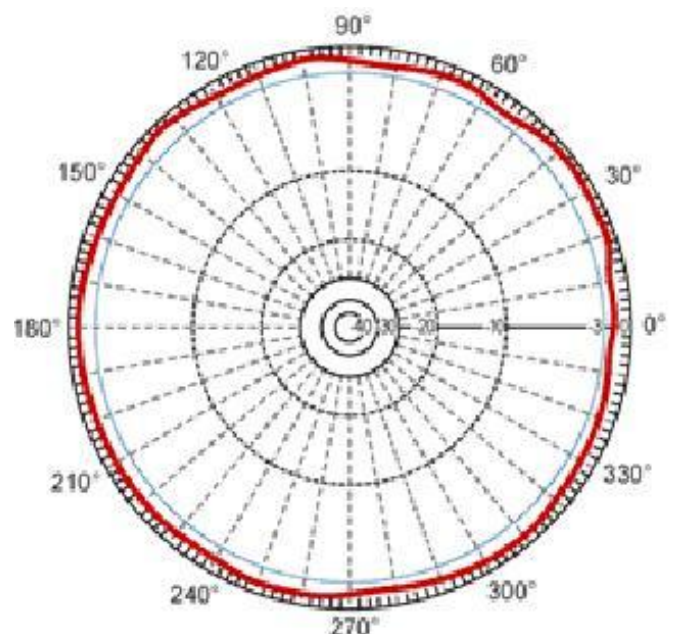
## Key Features

- For IEEE 802.11b/g/draft-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 surge Protector providing lightning protection
- Includes a U-Bolt mounting bracket

## Radiation Patterns



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



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

## Technical Specification

Electrical Specification	
Frequency Band	2400MHz – 2500MHz (2.4GHz ~ 2.5GHz)
Gain	15dBi
VSWR	≤1.5
Polarization	Vertical
Vertical Beam width	9°
Horizontal Beam width	360°
Impedance	50Ω
Connector	Fixed N Female
Admitted Power	50W
Antenna Type	Collinear
Environmental & Mechanical Characteristics	
Antenna Length	1860mm
Antenna Diameter	51mm
Weight	1.8kg
Wind Survival	216km/hr
Random Material	White Fiberglass
Operating Temperature	-40°C ~ +80°C
Clamps	U-Bolt

## Ordering Information

- **OAN-2150:** 15dBi Omni-Directional Outdoor Antenna

For more information, please contact your LevelOne representative, or visit [www.level1.com](http://www.level1.com)  
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