

# Datasheet\_OAN-1030



## 3dBi Omni-Directional Ceiling Antenna Kit

**LevelOne's** OAN-1030 3dBi Omni-directional Ceiling Antenna provides an easy solution to improve the performance and increases coverage for the existing 802.11g and 802.11b wireless devices. With the ceiling mounting kits, the antenna can be easily fixed on the ceiling to achieve the best wireless coverage. The approximate range under 54 Mbps is around 40m. There is no power-source needed in order to increase the flexibility of installation.

This antenna kit comes with antenna and the 1m UL-168 extension cable and has been tested for interoperating with LevelOne's wireless product equipped with reverse SMA Male connector and detachable antennas.



**OAN-1030**

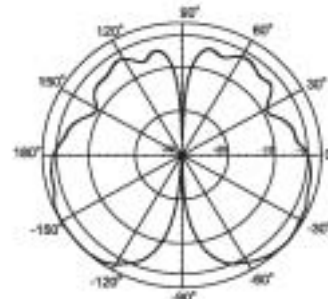
### Key Features

- For IEEE 802.11b/g applications in 2.4GHz Frequency Range
- Easy to install
- Omni-directional operation
- Mounted on the ceiling for best indoor coverage
- With ULA-168 1m cable for wireless device with SMA connector

### Pattern



**Horizontal**



**Vertical**

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## Technical Specification

- **Environment:**  
Indoor; Ceiling
- **Gain**  
2.5dBi ~ 3.7dBi
- **Appr. Range at 1 Mbps**  
120m
- **Appr. Range at 54 Mbps**  
40m
- **Frequency Range**  
1.7 – 3.7 GHz
- **VSWR**  
2.0 Max
- **Polarization**  
Linear Vertical
- **HPBW/ Horizontal**  
360°
- **HPBW/ Vertical**  
58°~75°
- **Power Handling**  
20W
- **Temperature**  
- 10°C to +55°C
- **Humidity**  
95% @ 25°C
- **Impedence**  
50 Ohms
- **Connector**  
Std. SMA-Plug  
RP-SMA-Plug
- **Dimension**  
132 x 42 mm
- **Extension Cable**  
RG-316 ; 1m
- **Weight**  
100 g
- **EMI and Safety**  
FCC, CE

## LevelOne's Wireless Product Compatible List

- WNC-0300:** 108 Mbps Wireless PCI Card
- WNC-0301:** 54 Mbps Wireless PCI Card
- WAP-0003:** 108 Mbps Wireless Access Point
- WAP-0005:** 11g Wireless POE Access Point
- WAB-1000:** 11g Wireless Outdoor AP/Bridge
- WBR-3402:** 54Mbps Wireless AP ADSL VPN Router w/Printer Server (USB)
- WBR-3403TX:** 54Mbps Wireless AP VPN Router w/Printer Server (Parallel)
- WBR-3404TX:** 54Mbps Wireless AP VPN Router w/Printer Server (USB)
- WBR-3405TX:** 108 Mbps Wireless AP Broadband Router

## Product Diagram



OAN-1030 Diagram

## Ordering Information

- **OAN-1030:** 3dBi Omni-Directional Ceiling Antenna Kit
  - 3dBi omni-directional outdoor antenna
  - 1m ULA-168 extension cable

