

OAN-4101

LevelOne's OAN-4101 10dBi omni-directional outdoor antenna is an ideal solution to increase wireless signal coverage and improve signal strength/quality for existing 802.11a wireless devices in the range between 5.5Ghz to 5.825Ghz frequency bands.

This antenna is especially designed for outdoor applications such as the WAB-7400 outdoor access point. The waterproof surface keeps the antenna workable in any rogue environment. In order to increase installation flexibility there is no power-source required.

The antenna can be easily fastened on a wall or installed on a pole. OAN-4101 has been tested for interoperating with LevelOne's wireless access point, WAB-2000A mesh outdoor AP/Bridge. This unit can also work with other wireless devices, which comply with IEEE802.11a standard and are equipped with an N male connector.



Related Products



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



11a/b/g/g Outdoor Mesh PoE Wireless AP
WAB-7400

Key Features

- For IEEE 802.11a applications at the range between 5.5GHz to 5.825GHz frequency band
- Easy to install
- Omni-directional operation provides extended point to multi-point coverage

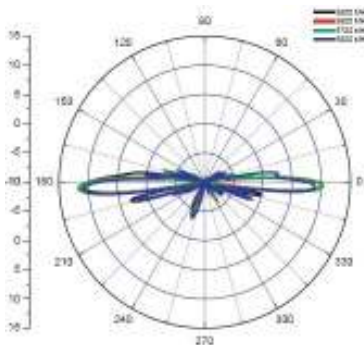
Product Diagram



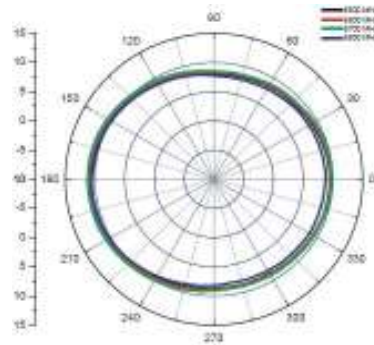
OAN-4101 works with WAB-7400 for Mesh Network or Point-to-Multipoint bridging applications

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Technical Specifications



V-Plane Co-polarization Pattern



H-Plane Co-polarization Pattern

Electrical Specification

Frequency Band

5.5GHz-5.825GHz

Gain

10dBi

VSWR

2.0:1 Max

Polarization

Linear, Vertical

HPBW/V

7°

HPBW/H

360°

Downtilt

2°

Power Handling

5W

Impedance

50 Ohms

Connector

N female

Package Contents

- [1] OAN-4101
- [2] Wall & Pole Mounting

Ordering Information

OAN-4101, 11a (5.500~5.825 Ghz) 10dBi Omni-Directional Antenna

Environmental & Mechanical Characteristics

Survival wind speed

216m/hr

Temperature

-40°C - + 80°C

Humidity

95% @ 55° C

Radome Material

Fiber Glass, UV resistant

Weight

265g

Dimension

80mm x 780mm x511mm

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