

## WAN-2218

Level One's WAN-2218 18dBi directional antenna is designed for outdoor mid-range distance, point-to-point wireless connections with WAN-2218, you can improve signal strength/quality and increase signal coverage for an existing 802.11 b/g 2.4GHz wireless local network in concentrated directions.

This antenna offers high gain in a low profile package. With the included metal bracket, you can fasten WAN-2218 on the wall or a pole to achieve the best wireless coverage. Using the N-Type connector or the included conversion adapter to connect a variety of wireless devices.

Wan-2218 has been tested for interoperating with LevelOne's indoor/outdoor wireless access point and other wireless products equipped with reverse SMA Male connector or N-Type antenna connector.



Work Well With



**11g Outdoor PoE Wireless Access Point**

WAB-3002



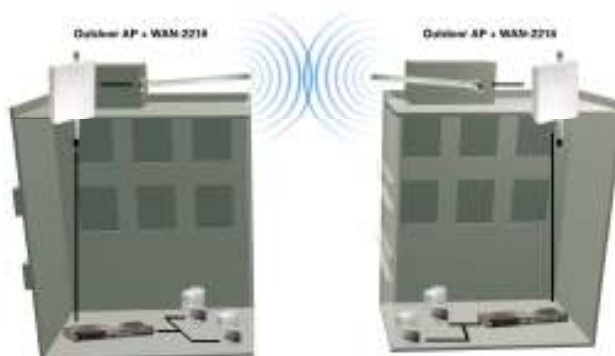
**11a/b/g Outdoor PoE Wireless Access Point**

WAB-7000

### Key Features

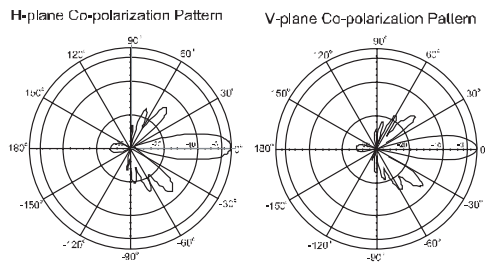
- Supports for 802.11 b/g 2.4GHz Wireless applications
- Provides stable signals and extends coverage
- Easy to install on wall surface
- Directional operation

### Product Diagram



## WAN-2218

## Technical Specifications



## Electrical Specification

## Frequency Band

2.4GHz-2.5GHz

## Gain

18dBi

## VSWR

1.5:1 Max

## Polarization

Linear, Vertical

## HPBW/V

15°

## HPBW/H

15°

## Front to back ratio

25dB

## Power Handling

10W(cw)

## Impedance

50Ω

## Connector

N Female

## Environmental &amp; Mechanical Characteristics

## Survival Wind speed

180 km/hr

## Temperature

-40 °C to +80 °C

## Humidity

95%@ 55 °C

## Lightning protection

DC ground

## Mechanical

+10~ -15

## Radome Material

ABS, UV resistant

## Weight

0.9 kg

## Dimensions

89 x 50 x 1000mm

## Package Contents

- [1] WAN-2218
- [2] Wall & Pole Mounting

## 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

## Ordering Information

WAN-2218, 18dBi Directional Yagi Outdoor Antenna