



## 18dBi Directional Yagi Outdoor Antenna



WAN-2218

H/W Version: 1

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 802.11b/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.



N-jack female Connector

### Key Features

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

### Works Well With



**WAB-3002**  
11g Outdoor PoE Wireless Access Point



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

## Technical Specification

### 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 & 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

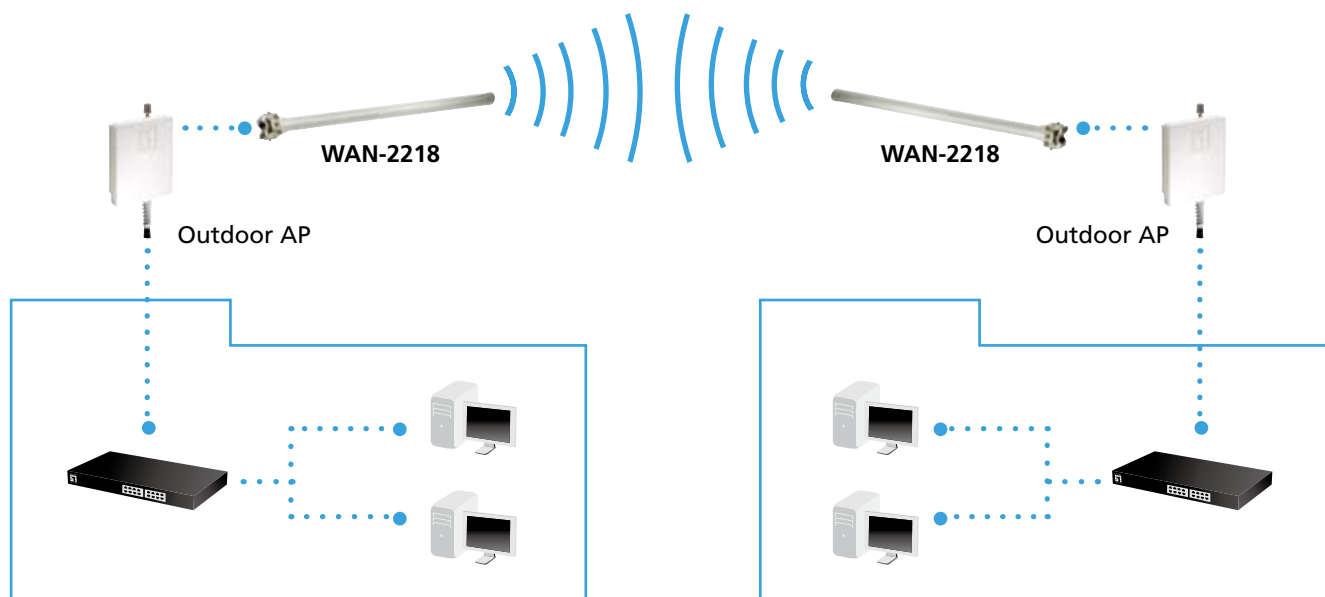
**Weight**

0.9 kg

**Dimensions**

89 x 50 x 1000mm

## Product Diagram



### Order Information

**WAN-2218: 18dBi Directional Yagi Outdoor Antenna**

### Package Contents

WAN-2218, Wall &amp; 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


**ANA-3100**

3GHz Outdoor Arrestor


**ANC-2330**

200 Series N plug to RPSMA plug Cable 3m

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