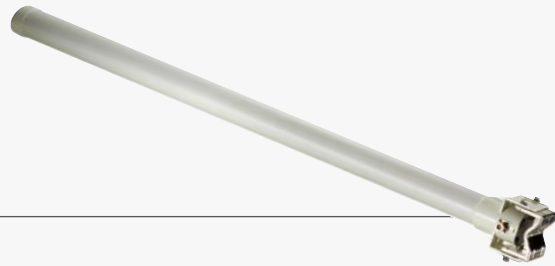




# 18dBi Directional Yagi Outdoor Antenna



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/n 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 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

\*\* Antenna cable and arrestor are not included

## Key Features

- Supports for 802.11b/g/n 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



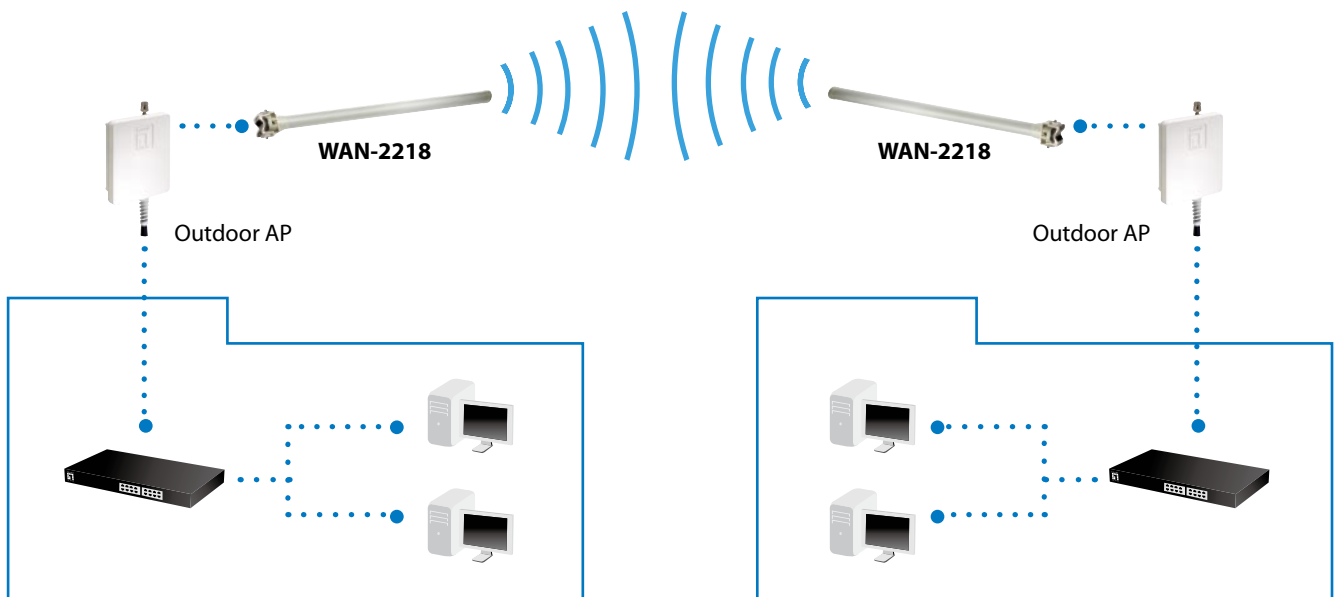
**WAB-7000**  
11a/b/g Outdoor PoE Wireless Access Point

## Technical Specification

Electrical Specification	
<b>Frequency Band</b>	2.4GHz-2.5GHz
<b>Gain</b>	18dBi
<b>VSWR</b>	1.5:1 Max
<b>Polarization</b>	Linear, Vertical
<b>HPBW/V</b>	15°
<b>HPBW/H</b>	15°
<b>Front to back ratio</b>	25dB
<b>Power Handling</b>	10W(cw)
<b>Impedance</b>	50Ω
<b>Connector</b>	N Female

Environmental & Mechanical Characteristics	
<b>Survival Wind speed</b>	180 km/hr
<b>Temperature</b>	-40 °C to +80 °C
<b>Humidity</b>	95%@ 55 °C
	Lightning protection DC ground
<b>Mechanical</b>	+10~ -15
<b>Radome Material</b>	ABS, UV resistant
<b>Weight</b>	0.9 kg
<b>Dimensions</b>	89 x 50 x 1000mm

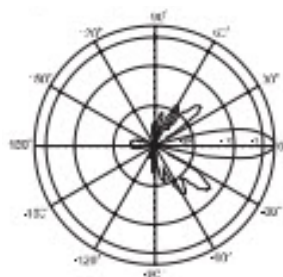
## Product Diagram



## Radiation Pattern



H-Plane Co-polarization Pattern



V-Plane Co-polarization Pattern

## Order Information

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

## Package Contents

WAN-2218, 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



**ANA-3100**  
3GHz Outdoor Arrestor



**ANC-2330**  
200 Series N plug to  
RPSMA plug Cable 3m

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