



# 12dBi Directional Patch Indoor/Outdoor Antenna

WAN-1112



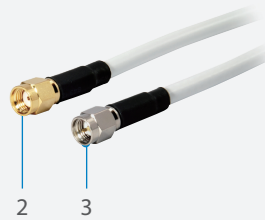
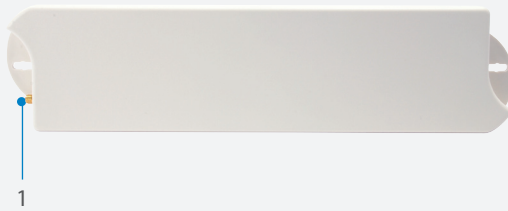
H/W Version: 3

LevelOne's WAN-1112 12dBi directional antenna is designed for indoor/outdoor wireless connections. With WAN-1112, you can improve signal strength/quality and increase signal coverage for an existing 802.11b/g/n 2.4GHz wireless local network in a concentrated direction.

This antenna offers high gain in a low profile package. With the directional patch panel design, you can easily install this unit on wall glass surface and in any orientation to maximize wireless coverage. Use of the

reverse SMA connector allows you to connect a variety of wireless devices. In order to increase installation flexibility there is no power-source required.

This antenna kit comes with antenna and the 3m UL-168 extension cable and has been tested for interoperating with LevelOne wireless access point, indoor/outdoor building-to-building bridge and other wireless products equipped with reverse SMA male connector and detachable antennas.



1. SMA jack Connector
2. RP SMA plug Connector
3. SMA plug Connector

## Key Features

- Supports for 802.11b/g/n 2.4GHz Wireless applications
- Provides stable signals and extends coverage
- Directional operation
- Easy to install on wall surface
- Includes UL-168 3m cable for wireless device with SMA connector

## Related Products



**WNC-0301**  
11g Wireless PCI Card



**WAP-6002**  
150Mbps N Wireless Access Point

## Technical Specification

### Frequency

2.3GHz~2.7GHz

### Gain

12.0

### VSWR

2.0:1Max

### Polarization

Linear, Vertical

### HPBW / V

23°

### HPBW / H

84°

### Front to back ratio

15 dB

### Downtilt

0°

### Power Handling

20W

### Impedance

50 Ohms

### Connector

SMA female

### Survival wind speed

216km / hr

### Temperature

-40°C~+85°C

### Humidity

95% @ 25°C

### Radome material

ABS, UV resistant

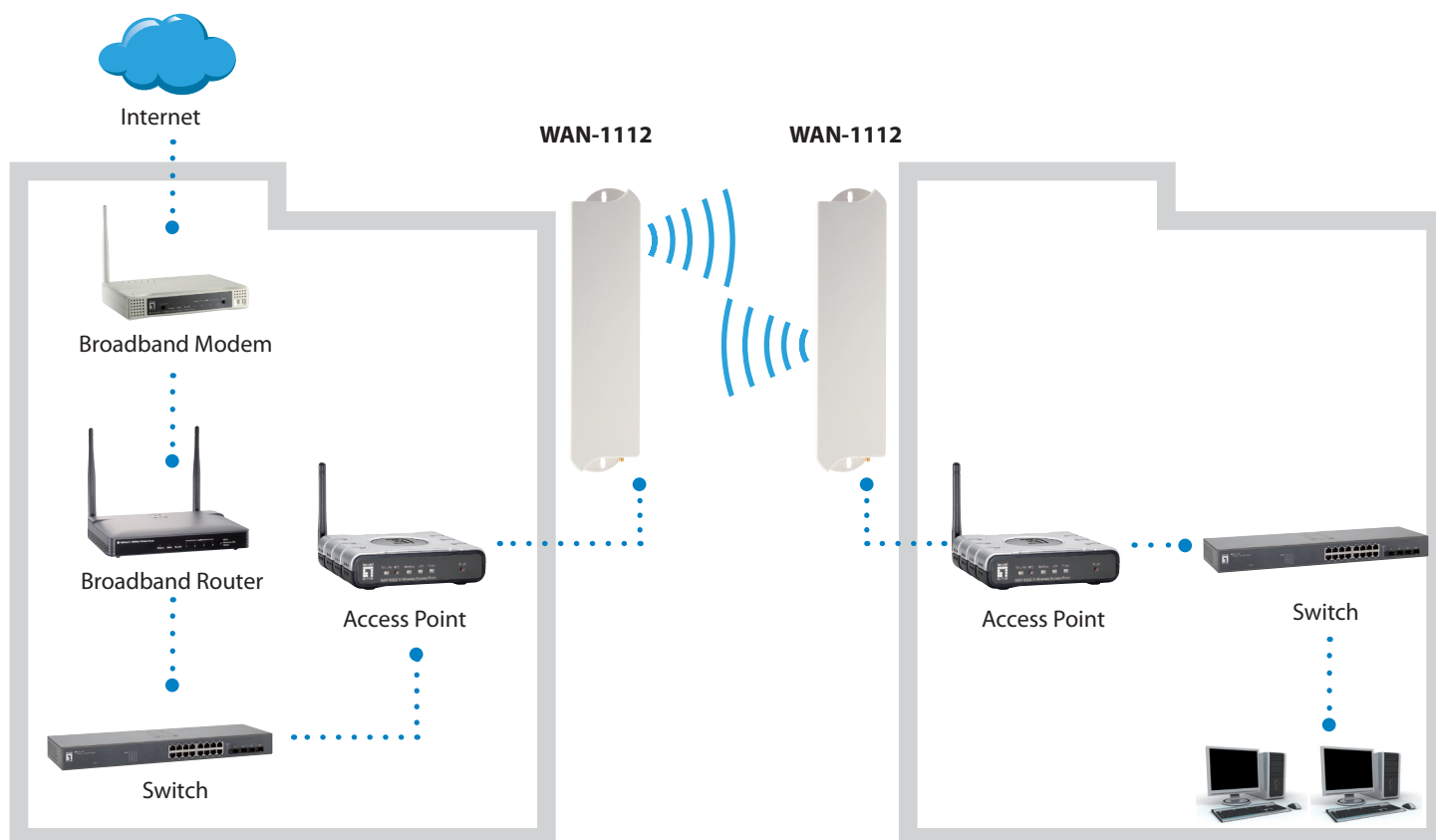
### Weight

139 gw

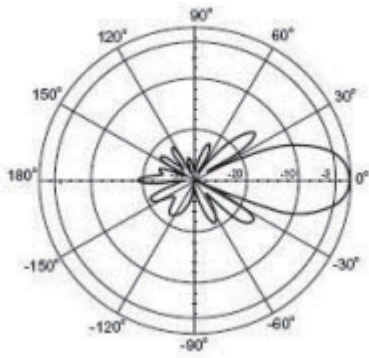
### Dimension

327mm x 80mm x 22mm

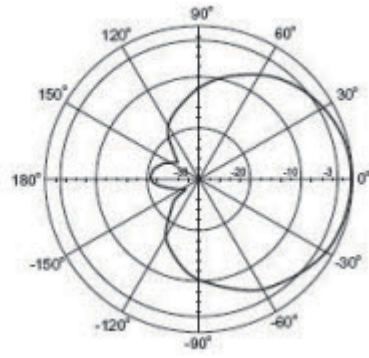
## Product Diagram



## Radiation Pattern



V-Plane Co-polarization Pattern



H-Plane Co-polarization Pattern

### Order Information

**WAN-1112:** 12dBi Directional Patch Indoor/Outdoor Antenna

### Package Contents

WAN-1112  
Mounting Kit  
3 Meter Cable  
User Manual