



WAN-7151 Version: 1

## 15dBi 2.4GHz Directional Dual-Polarization Panel Antenna

The LevelOne WAN-7151 is a directional, dual-polarization antenna that can be mounted either indoors or outside. Dual-polarization offers the flexibility of two different communication channels receiving simultaneously, while a high gain of 15dBi offers better range and signal strength. If mounted outdoors the weatherproof housing can withstand temperatures from minus 30°C up to 60°C, as well as rain, snow, dust and other harsh conditions.

### Key Features

- Provides 15dBi directional operation
- For IEEE 802.11b/g/n/ac Wireless applications in 2.4GHz frequency range
- Directional operation provides extended point to point coverage
- Dual-Polarization to avoid interference
- Low wind loading

### Specifications

#### System Specifications

**Connectors and Cabling:**

2 x N Female

**Impedance (Ohms):**

50Ohms

**HPBW / Horizontal:**

30°

**HPBW / Vertical:**

15°

**VSWR:**

? 2.0

**Polarization:**

Liner Vertical and Horizontal ( $\pm 90^\circ$ )

#### Wireless

**Frequency Band:**

2.4~2.5GHz



## Performance

Return Loss:  
? -10

## Environment

Temperature (°C):  
-30? ~ +60?

Humidity (Non-condensing):  
95%@55?

## Physical Specifications

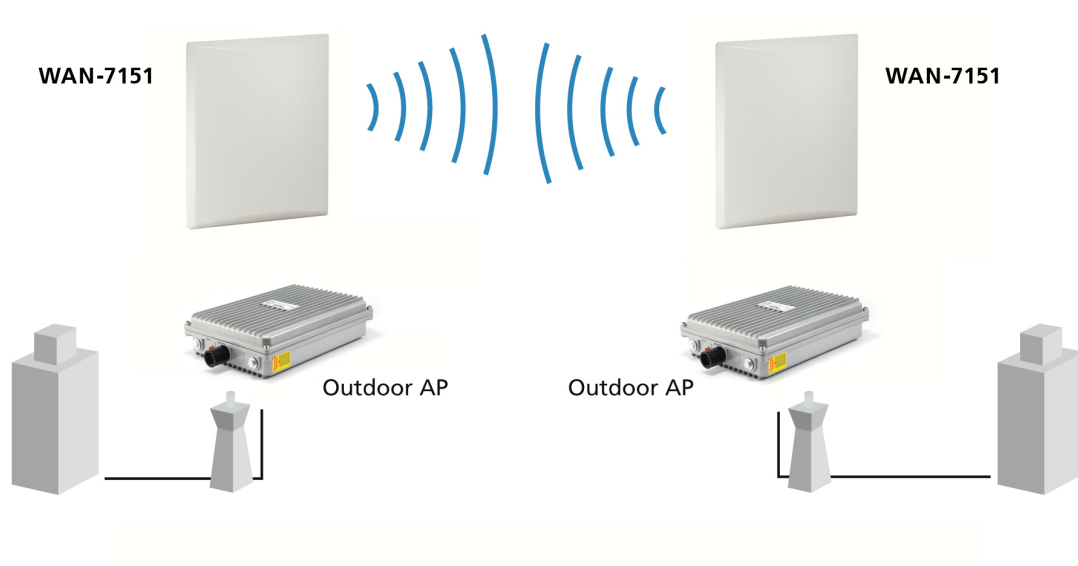
Dimensions (W x D x H mm):  
330\*295\*35mm

Weight (g):  
904g

## Reliability

Survival Wind Speed:  
50m/s

## Diagram



## Order Information

WAN-7151

## Package Contents

WAN-7151  
Pole Mount Kit  
Quick Installation Guide

## Optional Accessory



### **ANC-4130**

3m 400 Series N Plug to N Jack Antenna Cable



### **ANC-4160**

6m 400 Series N Plug to N Jack Antenna Cable

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