

WAN-2181

Product Overview

The LevelOne WAN-2181 Directional Panel Outdoor Antenna provides outdoor WiFi spots, hotspots and RFID reception areas with extended wireless network access to 802.11b, 802.11g and draft 802.11n wireless local area networks.

Connect to LevelOne Access Points and Routers

The WAN-2181 easily connects to LevelOne wireless routers and access points to provide extended wireless network coverage to outdoor areas. The directional design of the WAN-2181 offers increased wireless signal coverage in a specific direction, allowing for improved data throughput over extended areas.

High-Quality Outdoor Antenna

The WAN-2181 Outdoor Antenna is made of non-corrosion materials and is weatherproof making it suitable for all weather conditions. It can withstand wind gusts of up to 180km/h and provides lightning protection.

Key Features

- For IEEE 802.11b/g/draft-n Wireless applications in 2.4G ~ 2.5GHz ISM Band
- 18dBi Directional and Multi-point operation
- Lightweight and all-weather operation
- Outdoor antenna for public hot-spots, WiFi and RFID applications
- DC Short and lightning protection
- Includes tilt and swivel mast mount brackets



Work Well With



11g Outdoor PoE Wireless AP

WAB-3002



11a/b/g/g Outdoor Mesh PoE Wireless AP

WAB-7400

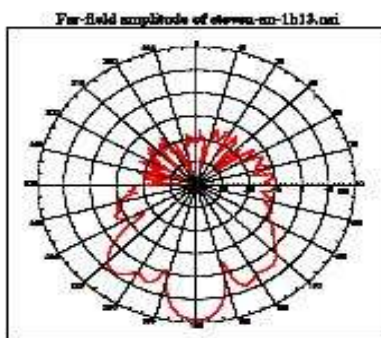
Product Diagram



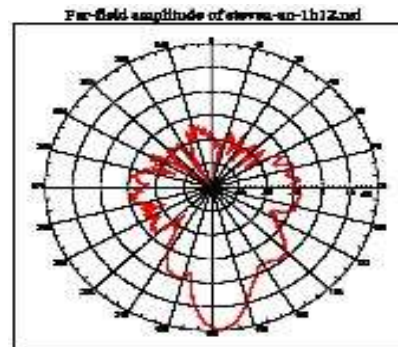
WAN-2181 works with WAB-7000 for Point-to-Point wireless bridging applications

WAN-2181

Technical Specifications



Vertical-Plane Co-polarization



Horizontal-Plane Co-polarization

Electrical Specification

Frequency Band

2.4GHz-2.5GHz (2.4GHz ~2.5GHz)

Gain

18dBi

VSWR

≤1.5

Polarization

Vertical

Vertical Beam width

17°

Horizontal Beam width

17°

Impedance

50Ω

Connector

Fixed N Female

Admitted Power

30W

Antenna Type

PCB Patch array

Environmental & Mechanical Characteristics

Survival Wind Speed

180km/hr (120mph) wind gusts

Operating Temperature

-20°C ~ +80°C

Antenna Size

365mm x 365mm x20mm

Weight

800g

Random Material

ABS Grey

Clamps

U-Bolt

Mounting Pipe

32mm-45mm

Package Contents

- [1] WAN-2181
- [2] L Type Mounting Kits

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-2181, 18dBi Directional Panel Outdoor Antenna



18dBi Directional Panel Outdoor Antenna

Hardware
Version 1.0

WAN-2181