



18dBi Directional Panel Outdoor Antenna



WAN-2181

H/W Version: 1

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/g/n 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.



N-jack female Connector

** Antenna cable and arrestor are not included

Key Features

- For IEEE 802.11b/g/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

Works Well With



WAB-3002
11g Outdoor PoE Wireless Access Point



WAB-7400
11a/b/g Dual Radio Outdoor Mesh PoE Wireless Access Point

Technical Specification

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

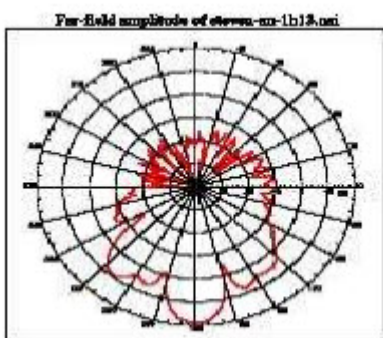
32mm-45mm

Product Diagram

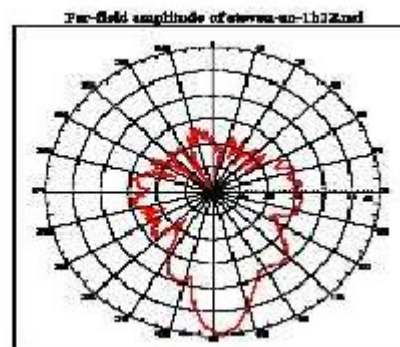


WAN-2181 works with WAB-7000 for Point-to-Point wireless bridging applications

Radiation Pattern



V-Plane Co-polarization Pattern



H-Plane Co-polarization Pattern

Order Information

WAN-2181: 18dBi Directional Panel Outdoor Antenna

Package Contents

WAN-2181, 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
Arrester



ANA-3100
3GHz Outdoor Arrester



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