



WAN-2182 Version: 1

18dBi 2.4GHz Directional Panel Antenna

The LevelOne WAN-2182 is a directional antenna for increased performance and reduced interference, operating on the 2.4 GHz frequency. WAN-2182 can be mounted either indoors or outdoors. The antenna's gain value is 18dBi, and 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 18dBi directional operation
- Directional operation provides extended point to point coverage
- For IEEE 802.11b/g/n Wireless applications in 2.4GHz frequency range
- Low wind loading
- -30°C to 60°C operating temperature range

Specifications

System Specifications

Connector:

N Female

Impedance (Ohms):

50 Ohms

HPBW / Horizontal:

25.8°

HPBW / Vertical:

20.7°

VSWR:

≤ 2.0

Polarization:

Vertical

Wireless

Frequency Band:

2.4GHz

Performance

Return Loss:
<=-10

Environment

Temperature (°C):
-30°C ~ +60°C

Humidity (Non-condensing):
95% @ 55°C

Physical Specifications

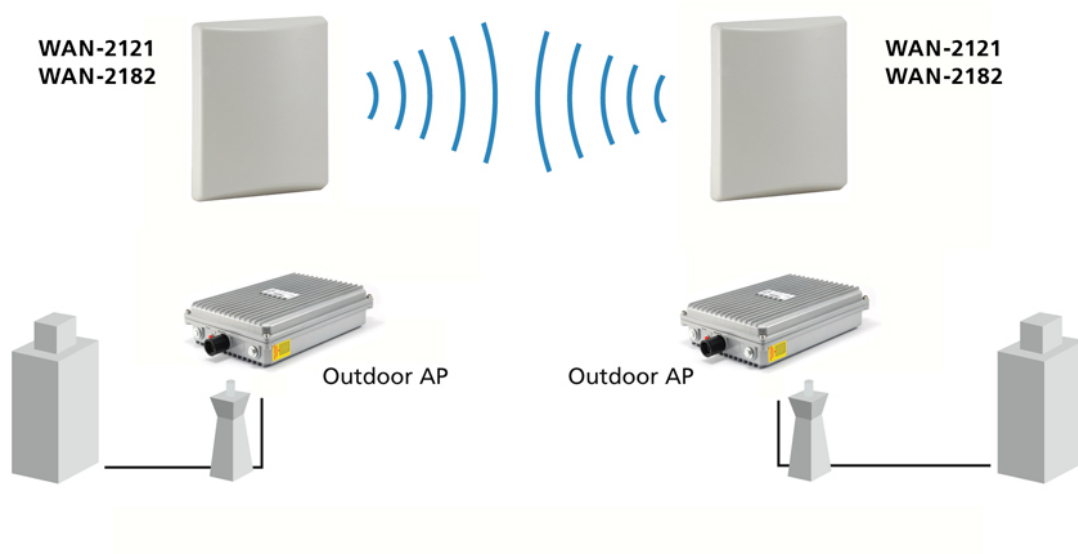
Dimensions (W x D x H mm):
330*295*35 mm

Weight (g):
1044g

Reliability

Survival Wind Speed:
50m/s

Diagram



Order Information

WAN-2182

Package Contents

WAN-2182
Pole Mount Kit
Quick Installation Guide

Optional Accessory



ANC-4110

1m Antenna Cable, CFD-400, N Male Plug to N Male Plug, Indoor/Outdoor



ANC-4130

3m Antenna Cable, N Male Plug to N Female Jack



ANC-4150

5m Antenna Cable, CFD-400, N Male Plug to N Male Plug, Indoor/Outdoor



ANC-4160

6m Antenna Cable, N Male Plug to N Female Jack