

Omni-directional 5dBi Indoor Antenna

Strong and Stable Wireless Connection with 5dBi Antenna

The LevelOne OAN-0500 5dBi Omni-directional Indoor Antenna is an ideal alternative to standard 2dBi detachable antennas found on most standard Wireless Routers and Access Points.

This antenna provides users with a stronger and more stable wireless network connection when used with 802.11b and 802.11g compliant wireless devices.

The OAN-0500 connects via its reverse SMA plug to most standard wireless routers and Access Points with detachable antennas.

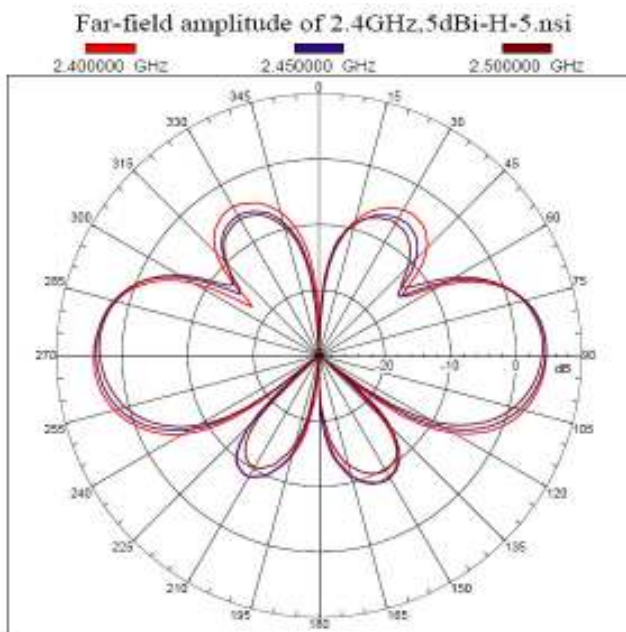


OAN-0500

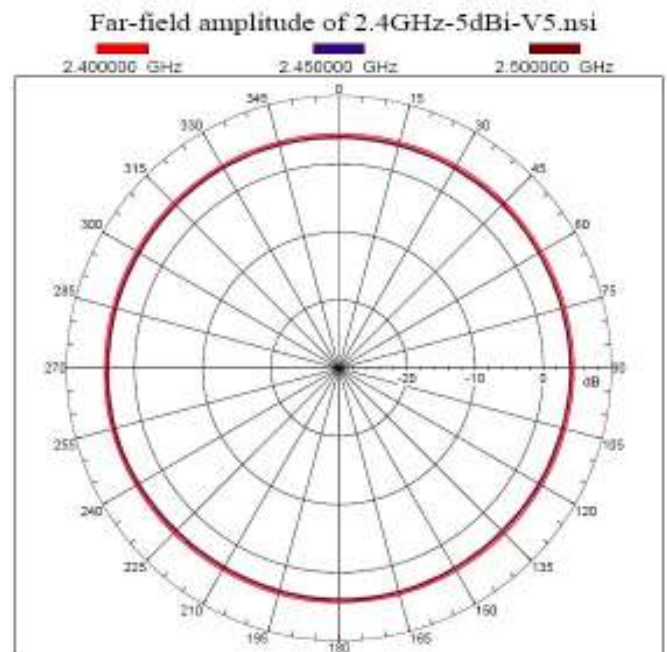
Key Features

- For IEEE 802.11b/g Wireless applications in 2.4GHz frequency range
- Provides a more stable signal and extends coverage
- 5dBi and Omni-directional operation
- Replace standard detachable antennas on most wireless routers and Access Points
- Reverse SMA plug connector for easy replacement of standard antennas
- Does not impact the power requirement of wireless devices

Radiation Patterns



V-Plane Co-polarization



H-Plane Co-polarization

Technical Specification

Electrical Specification	
Frequency Band	2400MHz – 2500MHz (2.4GHz ~ 2.5GHz)
Gain	5dBi
VSWR	1.92 Max
Polarization	Linear, Vertical
HPBW / V	360°
HPBW / H	23°
Impedance	50Ω (Ohms)
Connector	RP-SMA Plug
Admitted Power	1W
Return Loss	-10dB Max
Environmental & Mechanical Characteristics	
Temperature	-20°C - +65°C
Antenna Cover	TPE
Antenna Base	PC, PBT
Colour	Black

Ordering Information

- OAN-0500: Omni-directional 5dBi Indoor Antenna

For more information, please contact your LevelOne representative, or visit www.level1.com
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