

High-powered Omni-Directional Antenna increases the coverage area of the wireless network for your business

Increase the range of the Wireless network for your business! Attach these antennas to the Exterior Access Point and increase both the effective strength of the outgoing signals and the receive sensitivity of the incoming signals.

The added signal strength and sensitivity also improves mid-range communication reliability because every packet comes through loud and clear, reducing retransmissions due to weak signal reception errors.

The 9dBi signal strength allows the signals to travel further and detect the signals stronger in a 360 degree radius.

The weatherproof housing is able to withstand harsh outdoor conditions. The Antenna includes a lightning surge protector, mounting kit, and cable.

High-powered 9 dBi Omni-Directional Antenna increases the signal strength of the WAP54GPE Access Point for wireless coverage around 360 degree radius

Omni-Directional Antenna makes coverage not constrained to a specific area

Lightning protector and weatherproof for safe deployment on the exterior of your building

Easy to install - no software configuration is required

HGA9N



PRODUCT DATA

High Gain Omni-Directional Antenna for N Type Connectors

BUSINESS SERIES

Features

- NEMA rated, lightning protected, weather proof housing
- 9dBi Omni-Directional Antenna gives clients unconstrained access
- Easy to install - no configuration necessary
- 3-year limited warranty

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High Gain Omni-Directional Antenna for N Type Connectors

Specifications

Model	HGA9N
Ports	1 N-type female connector
Cabling Type	Coax - 50 Ohm impedance

Electrical Specifications

Frequency range	2400 MHz - 2500 MHz
Gain	9 dBi
VSWR	1.92 : 1 Max
Polarization	Linear, vertical
HPBW / horizontal	360°
HPBW / vertical	11°
Max Power	4 W
Impedance	50 Ohms

Specifications

Range	Maximum Outdoor range* - 120 m (0.078 mi) @ 54 Mbps, 880 m (0.55 mi) @ 11 Mbps
Dimensions	75mm X 625mm X 56mm

* Range estimation is based on one WAP54GPE Access Points with HGA9N antenna connecting to Wireless Client with 0dBi antenna under ideal line-of-sight conditions

Environmental

Dimensions	2.95" x 24.61" x 2.20" (75 x 625 x 56 mm)
Unit Weight	0.44 lbs (0.2 kg)
Mounting Options	Mounting kit provided
Certification	FCC, IC
Operating Temperature	-22 to 176°F (-30 to 80°C)
Storage Temperature	-22 to 176°F (-30 to 80°C)
Operating Humidity	5 to 95% non-condensing
Storage Humidity	5 to 95% non-condensing

Package Contents

- Antenna body
- Antenna Cable
- Lightning Protector
- User Guide on CD
- Quick Installation Guide

Minimum Requirements

- WAP54GPE Exterior Access Point

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