



### Description

The MA14-24 is a profession grade omni-directional antenna that can be used for a wide array commercial wireless communication installations. The antenna features high gain and superior VSWR. The unit is optimized for the 2.4GHz ISM band at 14dBi and provides superb 65° coverage for 802.11a/b/g networks.

The MA14-24 indoor/outdoor wireless antenna's construction features a durable ABS UV resistant radome for durability and aesthetics. Its mounting system features twin heavy-duty mounting brackets and U-Bolts designed to ensure superior strength. The thick brass elements provide long life in hostile environments.

### Features

- Omni-directional antenna.
- Rugged weatherproof fiberglass construction.
- Ability to withstand wind speeds of 135mph
- Mast mount design.
- N Jack interface .

### Ordering Information

WiFi Node Type	Part #	Compatible Antenna	Frequency	Gain	WiFi Network Compatibility
Wireless Mesh Node	MNG6448	MA14-24	2.4GHz	14.0dBi	802.11a/b/g
Wireless Backhaul Bridge	WB5326				802.11a/b/g
Accessories	AP540 = Antenna Cable & Surge Arrestor				



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# MA14-24 Wireless Antenna

Wireless Antenna

TECHNICAL SPECIFICATION

## Hardware

Construction	ABS, UV resistant
Mounting System	2 x Mounting Brackets w/ U-Bolts

## Operating Features

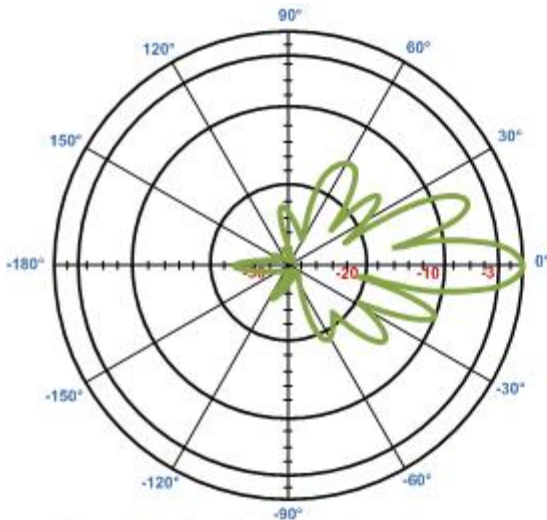
Gain	14dBi
Frequency Range	2400MHz—2500MHz
VSWR	1.8 : 1 Max
Polarization	Linear & Vertical
HPBW / Horizontal	65°
HPBW / Vertical	15°
Front - Back	25dB
Frequency Range	2400MHz - 2500MHz
Power Handling	5w
Impedance	50Ohms

## General

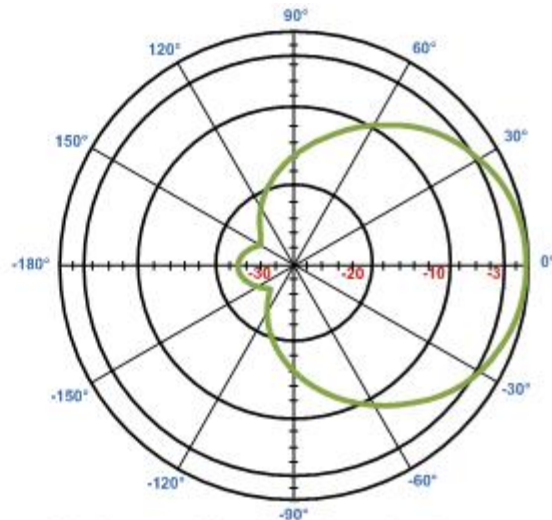
Temperature Rating	-22° to 140° Fahrenheit
Wind Survivability	185mph
Humidity	95% @ 120°
Shipping Weight	3.2lbs

In our continued effort to “Bridge the Gap in Technology”, product specifications are subject to change without notice.

## System Design



Vertical Co-Polarization Pattern



Horizontal Co-Polarization Pattern

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