

Get a Quote

## Overview

AIR-ANT2524DW-R is the Cisco dual band antennas, providing 2.4 GHz, 2 dBi/5 GHz, 4 dBi Dipole and RP-TNC.

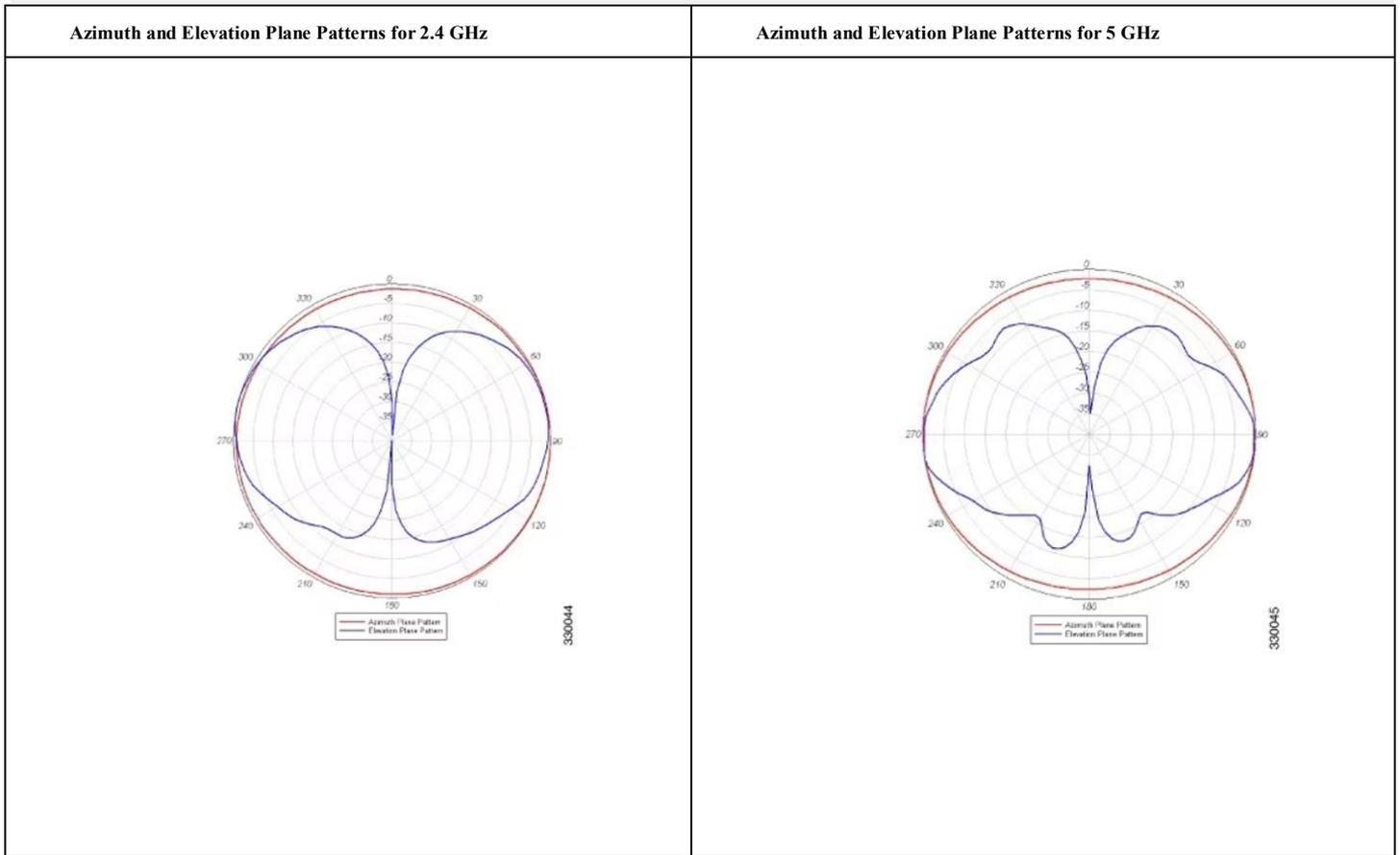
## Quick Specification

Product Code	AIR-ANT2524DW-R
Enclosure Color	White
Intended For	Wi-Fi
Compatibility	802.11n
Frequency Range	2.4 GHz, 5 GHz
Gain	2 dBi (for 2.4 GHz), 4 dBi (for 5 GHz)
Designed For	Cisco Aironet 2802e Controller-based, 3802E, 1852E

## Product Details:

### The Front Panel:





## Antenna Radome Colors

Antenna Part Numbers	Radome Color
<a href="#">AIR-ANT2524DB-R</a>	Black
<a href="#">AIR-ANT2524DG-R</a>	Gray
<a href="#">AIR-ANT2524DW-R</a>	White
AIR-ANT2524DW-RS	White, self-identifying

## Supported Platforms

Model	Description
AIR-AP2802E-H-K9	802.11ac Wave 2 AP w/CleanAir, 4x4:3, External Antenna, -H Regulatory Domain
AIR-AP2802E-H-K9C	802.11ac Wave 2 AP w/CleanAir, 4x4:3, External Antenna, H Regulatory Domain, Configurable
AIR-AP3802E-H-K9	802.11ac Wave 2 AP w/CleanAir, 4x4:3, Mod, External Antenna, mGig, H Regulatory Domain
AIR-AP3802E-H-K9C	802.11ac Wave 2 AP w/CleanAir, 4x4:3, Mod, External Antenna, mGig, H Regulatory Domain, Configurable
AIR-AP1852E-C-K9	Cisco AIR-AP1852E-C-K9, External antennas, 802.11a/b/n/ac Wave 2, 1.733Gbps throughput, 4 X 4 MU-MIMO, Dual band

AIR-AP1852E-H-K9	Cisco AIR-AP1852E-H-K9, External antennas, 802.11a/b/n/ac Wave 2, 1.733Gbps throughput, 4 X 4 MU-MIMO, Dual band
AIR-AP1852E-C-K9C	802.11ac Wave 2 Access Point, 4x4:4, External-Ant, C Regulatory Domain, Configurable
AIR-AP1852E-H-K9C	802.11ac Wave 2 Access Point, 4x4:4, External-Ant, H Regulatory Domain, Configurable

## System Requirements

This antenna is designed for use with Cisco Aironet access points that support simultaneous operation in the 2.4 GHz band and the 5 GHz band and that have dual-band antenna ports, labeled in orange text.

The Self Identifying Antenna model AIR-ANT2524DW-RS= is supported only on Cisco Catalyst 9800 Series Wireless Controllers running an IOS-XE 17.4.1 release or a later release. This antenna model is not supported on Cisco AireOS Wireless Controllers.

## Features

The antenna has an articulated base that can be rotated 360 degrees at the connection point and from 0 to 90 degrees at its joint.

The AIR-ANT2524DW-RS antenna includes circuitry to enable self identification of the antenna by the Cisco Catalyst 91xx Series access points. The self identifying function is indicated by a purple band on the antenna. Ensure this antenna is connected to Port A on the AP, which is also designated by purple text around the RP-TNC connector. This antenna has a built-in EEPROM that can be read by the AP to automatically configure the antenna type and gain in the Wireless LAN Controller.

## Installing the Antenna

**Caution: The AIR-ANT2524Dx-R series of antennas are dual-band antennas, meaning that they operate in both the 2.4 GHz and 5 GHz frequency bands. The AIR-ANT2524Dx-R series antennas have an orange ID band on them to indicate their dual-band functionality. Connect these antennas only to dual-band antenna ports, which are identified with orange text on Cisco Aironet access points. Using these antennas on Cisco Aironet access points that employ single-band antennas might result in lower performance.**

To install the antenna:

1. Verify that the connector to which you are connecting the antenna is a dual-band antenna port, identified by orange text on the access point.
2. Align the antenna connector with the RP-TNC connector on the access point.
3. Engage the antenna connector threads with the RP-TNC connector on the access point.
4. Hand tighten the antenna to the port using the metal knurled ring only.

Warning: Do not use the plastic body to tighten. This may damage the antenna.

5. Adjust the antenna articulating joint to the desired position.

Get more information:

Do you have any question about the AIR-ANT2524DW-R?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

## Specific Data Sheet:

Antenna type	Dual-band dipole
Operating frequency range	2400 to 2500 MHz
	5150 to 5850 MHz
Nominal input impedance	50 Ohms
Enclosure Color	Gray
VSWR	Less than 2:1
Peak Gain @ 2.4 GHz	2 dBi
Peak Gain @ 5 GHz	4 dBi
Elevation plane 3dB beamwidth @2.4 GHz	63 degrees
Elevation plane 3dB beamwidth @ 5 GHz	39 degrees
Connector type	RP-TNC plug
Antenna length	6.63 in. (168.5 mm)
Antenna width	0.83 in (21 mm)
Radome length	4.88 in. (124 mm)
Weight	1.3 oz
Operating temperature	-4° to 140°F (-20°C to 60°C)
Storage temperature	-40°F to 185°F (-40°C to 85°C)
Environment	Indoor, office
Intended For	Wi-Fi
Compatibility	802.11n
Frequency Range	2.4 GHz, 5 GHz
Designed For	Cisco Aironet 3602E

## Want to Buy

[Get a Quote](#)

[Learn More](#) about Hi-Network

[Search](#) our Resource Library

[Follow](#) us on LinkedIn

 Contact for [Sales or Support](#)


## Contact HI-NETWORK.COM For Global Fast Shipping

---

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: [info@hi-network.com](mailto:info@hi-network.com)

Skype: echo.hinetwork

WhatsApp Business: +8618057156223