

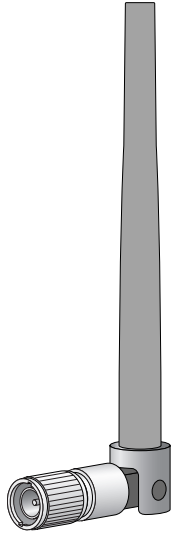
# Cisco Aironet 2.4 Ghz Articulated Dipole Antenna (AIR-ANT4941)

## Overview

This document outlines the specifications and description of the 2.2-dBi articulating dipole antenna. This antenna operates in the 2.4- 2.5-GHz band and is designed for use with Cisco Aironet radio products utilizing a reverse-polarity threaded naval connector (RP-TNC).

## Technical Specifications

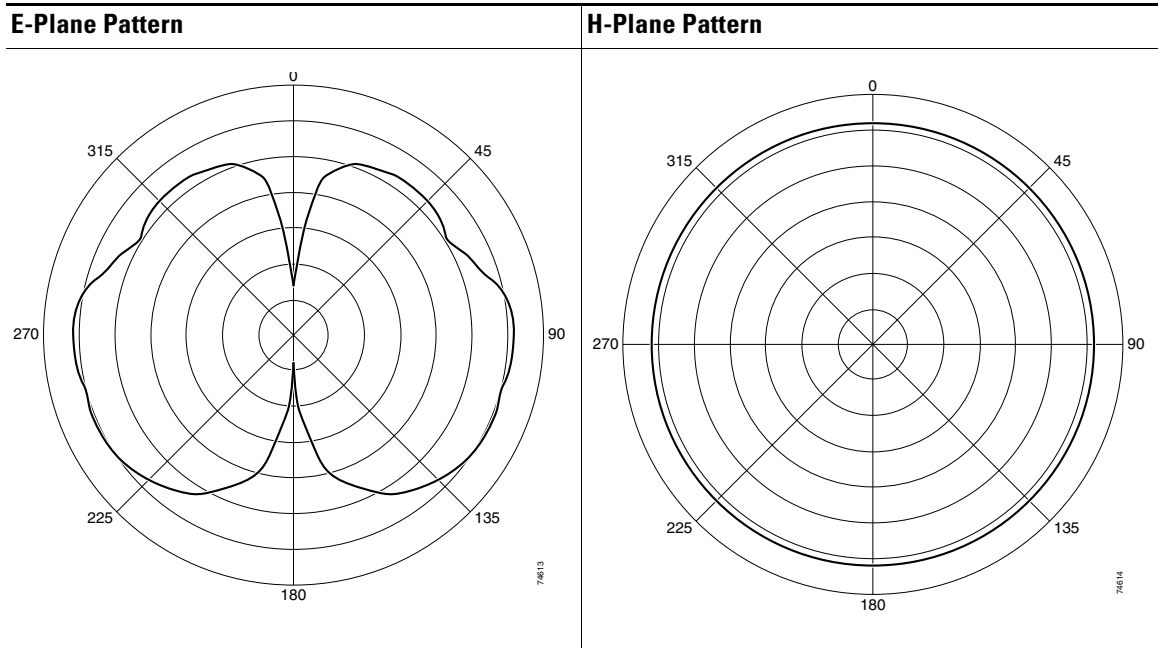
|                             |                                |
|-----------------------------|--------------------------------|
| Antenna type                | Dipole                         |
| Operating frequency range   | 2402-2495 MHz                  |
| Nominal input impedance     | 50 Ohms                        |
| 2:1 VSWR bandwidth          | 2385 - 2515 Mhz                |
| Peak gain                   | 2 dBi                          |
| Polarization                | Linear, vertical               |
| E-Plane 3-dB beamwidth      | 70 degrees                     |
| H-Plane 3-dB beamwidth      | Omnidirectional                |
| Dimensions                  | 5.5 in. (13 cm)                |
| Weight                      | 1 oz.                          |
| Connector type              | RP-TNC plug                    |
| Environment                 | Indoor                         |
| Operating temperature range | 32°F to 140°F<br>(0°C to 60°C) |



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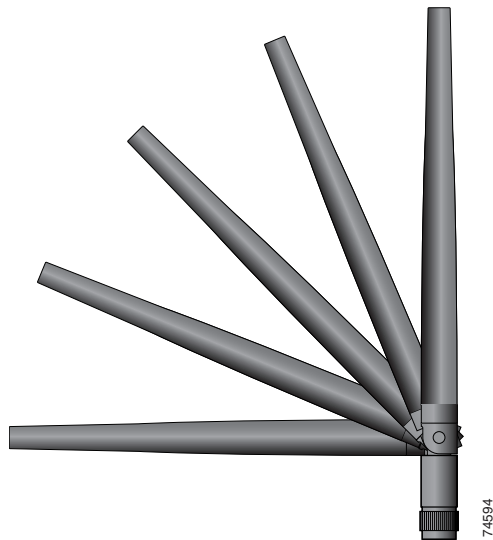


## System Requirements

This antenna is compatible with any 2.4-GHz Cisco Aironet device that utilizes a RP-TNC plug.

## 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 knuckle. The articulated base is shown in the following illustration.



# Obtaining Documentation and Submitting a Service Request

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