



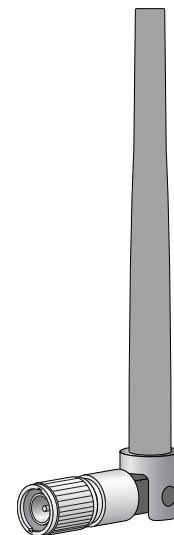
Cisco Aironet 2.4 Ghz Articulated Dipole Antenna (AIR-ANT4941)

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 Ω
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 (0°C to 60°C)

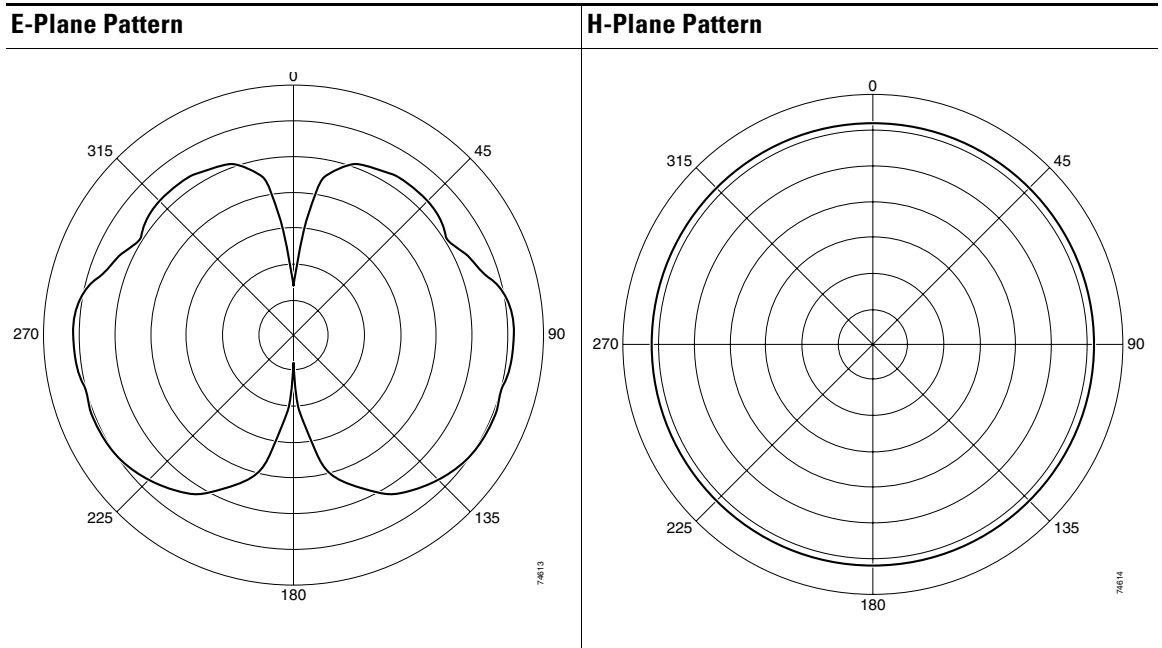


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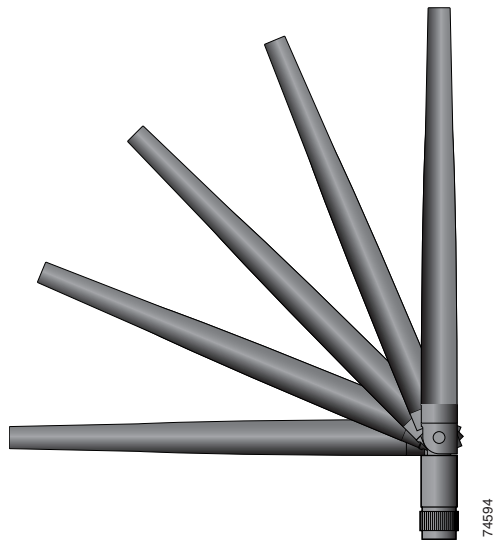


System Requirements

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

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

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