

# Cisco AIR-ANT2413P2M-N Datasheet



Cisco AIR-ANT2413P2M-N Aironet 2.4-GHz 13-dBi Directional Antenna

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This document outlines the specifications for the Cisco Aironet AIR-ANT2413P2M-N 2.4-GHz 13-dBi 2-Port Directional antenna with N-type connectors and provides instructions for mounting it. The antenna operates in the 2.4-GHz frequency band and is designed for use in outdoor environments.

## Technical Specifications

- Antenna type: 2-Element Patch Array
- Operating frequency range: 2400 to 2500 MHz
- Nominal input impedance: 50 Ohms
- Peak gain: 13 dBi
- Polarization: Linear, Dual
- Elevation plane 3-dB beamwidth: 30°
- Azimuth plane 3-dB beamwidth: 30°
- Sidelobe level: < -20 dBc
- Front-to-back ratio: > 25 dB
- Cable length and type
  - 30 in. (76.2 cm)
  - outdoor rated Coax
- Connector type: N Male
- Length: 7.8 in. (19.8 cm)

- Width: 7.8 in. (19.8 cm)
- Height: 1.2 in. (3 cm)
- Weight: 21.6 oz. (0.61 kg)
- Operating temperature range: -40°F to 131°F (-40°C to 55°C)

For more information of this AIR-ANT2413P2M-N, please visit Cisco website:

<https://www.cisco.com/c/en/us/td/docs/wireless/antenna/installation/guide/ant2413p2m-n.html>

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