Cisco AIR-ANT2547VG-N Datasheet

Cisco AIR-ANT2547VG-N Aironet Dual-Band Omni-directional Antenna

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This document describes the Cisco Aironet AIR-ANT2547VG-N and the Cisco Aironet AIR-ANT2547VG-NS dual-band omni-directional antennas. It provides specifications and mounting instructions for these antennas. The antenna operates outdoors with supported Cisco Outdoor Access Points (hereafter referred to as access points or APs) with radios operating in the 2.4–GHz and 5–GHz frequency bands.

The Cisco AIR-ANT2547VG-NS is a self-identifying antenna having circuitry that enables Cisco access points (APs) to self-identify the antenna. This antenna has an in-built EEPROM that the APs read and automatically configure the antenna type and the gain in the wireless controller.

Technical Specifications

- Antenna type: Omni-directional collinear array
- Operating frequency range
    - 2400–2483 MHz
    - 5150–5875 MHz
- 2:1 VSWR bandwidth
    - 2400–2483 MHz
    - 5150–5875 MHz
- Nominal input impedance: 50 Ohms

- Gain (2400–2483 MHz): 4-dBi
- Gain (5250–5875 MHz): 7-dBi
- Polarization: Linear
- E-plane 3-dB beamwidth
- 2.4 GHz: 30°
- 5 GHz: 14°
- H-plane 3-dB bandwidth: Omni-directional
- Length: 11.1 in. (28.2 cm)
- Diameter: 1.25 in. (3.17 cm)
- Weight: 6.0 oz. (170.0 g)
- Connector type: N-Male
- Operating temperature: -40–185°F(-40–85°C)
- Water/Foreign Body Ingress: IP66, IP67
- Wind rating
    - 100 mph (161 kph) operational
    - 165 mph (265 kph) survival

For more information of this AIR-ANT2547VG-N, please visit Cisco website:

https://www.cisco.com/c/en/us/td/docs/wireless/antenna/installation/guide/ant2547vgn.html

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