Cisco AIR-ANT2535SDW-R Datasheet

Cisco AIR-ANT2535SDW-R Aironet Short Dual-Band Omni Antenna

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This document describes the Cisco Aironet AIR-ANT2535SDW-R and AIR-ANT2535SDW-RS antennas and provides electrical specifications and mounting instructions. The antenna operates over the 2.4 GHz and 5 GHz Wi-Fi bands and is designed for indoor use with the Cisco Aironet 1600, 2600, 3600, 3700, and Cisco Catalyst 9120AXE series access points. The antenna utilizes an omnidirectional radiation pattern to achieve a broad coverage area.

The AIR-ANT2535SDW-RS antenna includes circuitry to enable self-identification of the antenna by the Cisco access points. The antenna has a built-in EEPROM that can be read by the AP to automatically configure the antenna type and gain in the wireless controller.

Technical Specifications

- Antenna Type: Omnidirectional
- Operational Frequency Ranges: 2.4-2.5 GHz & 5.15-5.925 GHz
- Nominal Input Impedance: 50 Ohms
- VSWR: 2.0:1
- Polarization: Vertical
- 2.4 - 2.5 GHz Nominal Peak Gain: 3 dBi
- 5.15 - 5.925 GHz Nominal Peak Gain: 5 dBi
- 2.4 - 2.5 GHz Elevation Plane Beamwidth: 35°

- 5.15 - 5.925 GHz Elevation Plane Beamwidth: 35°

- 2.4 - 2.5 GHz Port-to-Port Isolation: > 20 dB

- 5.15 - 5.925 GHz Port-to-Port Isolation: > 23 dB

- Connector Type: Male RP-TNC

- UV Stability: ASTM D-4674 Method 1

- Diameter: 1.25 in. (3.18 cm)

- Height: 3.3 in. (8.4 cm)

- Weight: 1.7 oz. (0.05 kg)

- Operating Temperature Range: -30° C to 70° C

- Storage Temperature Range: -40° C to 85° C

For more information of this Cisco AIR-ANT2535SDW-R, please visit Cisco website:

https://www.cisco.com/c/en/us/td/docs/wireless/antenna/installation/guide/ant2535sdwr.html

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