

# Cisco AIR-ANT2566P4W-R Datasheet



Cisco AIR-ANT2566P4W-R Aironet 2.4-GHz/5-GHz MIMO 4-Element Patch Antenna

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This document outlines the specifications for the Cisco Aironet 2.4-GHz/5-GHz MIMO 4-Element Patch Antennas (AIR-ANT2566P4W-R and AIR-ANT2566P4W-RS) and provides mounting instructions. Both antennas operate in the 2.4 GHz and 5 GHz frequency ranges and are designed for indoor and outdoor use. The AIR-ANT2566P4W-RS antenna includes self-identifying circuitry.

## Technical Specifications

- Antenna type: 4-element dual-band MIMO
- Operating frequency range
  - 2400 to 2484 MHz
  - 5150–5850 MHz
- VSWR: 2:1 or less
- Gain: 6 dBi in both bands
- Polarization: Linear, vertical
- Azimuth Plane 3-dB Beamwidth
  - 2.4 GHz band: 105°
  - 5 GHz band: 110°
- Elevation Plane 3-dB Beamwidth
  - 2.4 GHz band: 65°
  - 5 GHz band: 55°

- Length: 6.3 in. (16 cm)
- Width: 11 in. (27.9 cm)
- Depth: 1.2 in. (3.05 cm)
- Weight: 1.4 lbs
- Cable length and type: 3 ft. (91.4 cm) plenum rated
- Connector: RP-TNC
- Environment: Indoor/outdoor
- Water/Foreign Body Ingress: IP54
- Operating temperature range: -40° to 158° F (-40° to 70° C)

For more information of this Cisco AIR-ANT2566P4W-R, please visit Cisco website:

<https://www.cisco.com/c/en/us/td/docs/wireless/antenna/installation/guide/ant2566p4w.html>

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