

# INTRODUCING 2.4 GHZ VERTICAL HELICAL ANTENNA

- Expanded Portfolio with Broader Range of Pins
- Compact Dimension and Cost Saving
- Reliable Connection
- Support Quick Assembly



The 2.4 GHz Vertical Helical Antenna is a compact surface mount helical antenna designed for 2.4 GHz ISM frequency band applications such as Bluetooth® and ZigBee®. The 2.4 GHz Vertical Helical Antenna is made from 0.6 mm diameter nickel plated high-carbon steel for use in PCB-mount installations requiring a rugged, compact and omnidirectional embedded antenna. The connector-style base of the antenna ensures proper mounting for uniform performance in high-volume manufacturing.

## APPLICATIONS

- Single-band WiFi/WLAN/802.11
  - Wi-Fi 4
- 2.4 GHz ISM applications
  - Bluetooth
  - ZigBee
- U-NII and ISM applications
- Internet of Things (IoT) devices
- Smart Home networking
- Sensing and remote monitoring

## KEY BENEFITS

- Performance at 2.4 GHz
  - VSWR:  $\leq 1.8$
  - Peak Gain: 3.0 dBi
  - Efficiency: 68%
- Direct PCB attachment
- Reflow- or hand-solder assembly
- Omnidirectional radiation pattern
- Compact size
  - 36.9 mm x 7.0 mm x 7.0 mm

## LEARN MORE

- [Landing Page](#)
- [Brochure \(English\)](#)