

Internal Antennas

For Cellular/LTE, Wi-Fi/WLAN
and LoRa/ISM Frequency



Cost-effective, Unmatched Connectivity for your Wireless Devices

Laird Connectivity offers the most innovative portfolio of cost-effective internal antenna solutions that provide unmatched connectivity for your wireless IoT devices. Whether for Wi-Fi/Bluetooth or Multiband/Cellular IoT applications, the small size and form factor of Laird Connectivity antennas make them easily concealable within a product's enclosure, eliminating any negative impact on product aesthetics.

Visit lairdconnect.com/rf-antennas/internal-antennas to learn more.

Flex Series



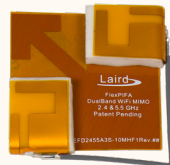
FlexPIFA™ and FlexPIFA Dual-Band

- Industry-first flexible, planar inverted-F antenna for curved mount
- 2.5 dBi gain @ 2.4 GHz and 3 dBi gain @ 5.5 GHz
- Certified with: Sterling-LWB, Sterling-LWB5, BL651, BL652, BL654, SaBLE-x-R2, BT850-ST, BT860-ST



Single and dual-band mFlexPIFA™

- FlexPIFA antenna for metal mounting with minimal detuning
- 1.9 dBi gain @ 2.4 GHz and 5.8 dBi gain @ 5.5 GHz
- Certified with: BL654, BL651, BT850-ST, BT860-ST, Sable-x-R2, Sterling-LWB



FlexMIMO

- World's first embedded PIFA antenna for Wi-Fi MIMO applications
- 2 dBi gain @ 2.4 GHz, 3 dBi gain @ 5 GHz
- Certified with: MSD50NBT, SD50NBT, 60-2230C, 60-SIPT



FlexNotch Antenna

- Adhesive-backed, flexible notch antenna
- Trimmable for maximum range within your specific enclosure
- 2 dBi gain @ 2.4 GHz
- Certified with: Sterling-LWB



Revie Flex LTE / NB-IoT Antenna

Pro / Prime / Plex

- Linear Polarized Revie Antennas supporting LPWAN, ISM 868/915 MHz and 2G/3G networks
- 2.2 dBi gain @ 900 MHz and 3.8 dBi gain @ 2 GHz

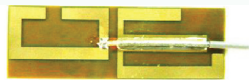
- Flexible PCB antenna for use in LTE CAT M1 and NB-IoT devices
- 1.9 dBi gain @ 698-875 MHz and 3.7 dBi gain @ 1710-2500 MHz
- Certified with: Pinnacle 100 Modem



D-Puck

- Highly durable, cost-effective, small-scale metal antenna
- 3 dBi gain @ 2.4-2.5 GHz, 4 dBi gain @ 4.9-6 GHz

Nano Antennas



NanoBlue

- Integrated ground plane included for ease of integration
- 2 dBi gain @ 2.4 GHz
- Certified with: BT740, BT730, 45 Series, 50 Series, BT900-SC, BT850-ST, BT860-ST, BL651

Mini NanoBlade Flex

- Flexible, Dual-Band omnidirectional PCB Mini NanoBlade
- 2.79 dBi gain @ 2.4 GHz, 3.38 dBi gain @ 5 GHz
- Certified with: 45 Series, 50 Series, 60-2230C

NanoBlade

- Vertically polarized, omnidirectional planar antenna
- 2 dBi gain @ 2.4-2.5 GHz, 3.9 dBi gain @ 5.15-5.35 GHz and 4 dBi gain @ 5.6 GHz
- Certified with: 45 Series, 50 Series, 60-2230C, BL654



Connected. No Matter What.

Laird Connectivity simplifies and enables wireless technologies with market-leading wireless modules and antennas, integrated sensor and gateway platforms, and customer-specific wireless solutions. Our best-in-class support and comprehensive engineering services help reduce risk and improve time-to-market. When you need unmatched wireless performance to connect electronics with security and confidence, Laird Connectivity delivers — no matter what.

lairdconnect.com/rf-antennas/internal-antennas