

AVX RF Antennas meet today's connectivity demands in the LTE, Wi-Fi®, BLUETOOTH®, GNSS/GPS, and ISM wireless bands. AVX offers the Ethertronics range that is available in surface mount, patch, off-board, and external configurations.

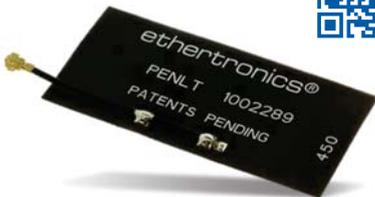
Ethertronic antennas meet and exceed industry standards of performance while reducing board space requirements. AVX RF Antennas are ideal for IoT, tracking, and GPS applications.



Ethertronics / AVX Cellular & LTE Antennas

Patented isolated magnetic dipole technology reduces the keep-out area requirement around antennas.

Ethertronics / AVX Cellular and LTE Antennas are designed with patented isolated magnetic dipole (IMD) technology to reduce the keep-out area requirement around the antenna. The IMD technology reduces the overall board footprint required around the antenna while improving antenna performance. Ethertronics / AVX Cellular and LTE Antennas are available in several form factors designed to satisfy customer needs, including surface-mount FR4, flexible printed circuit, and external.



Ethertronics / AVX GPS Antennas

Variety of antennas, including EtherHelix, to meet GPS enabled device requirements.

Ethertronics / AVX GPS Antennas are designed to meet the demands of a multitude of applications for GPS enabled devices. The GPS antennas are available as a ceramic patch, surface-mount FR4, ceramic chip, or stamped metal antennas. Other antennas are designed with an EtherHelix™ antenna, a small and very efficient external GPS antenna.



Ethertronics / AVX WLAN / BT / Zigbee Tunable Embedded Antennas

Offers high functionality and performance for smaller/thinner designs.

Ethertronics WLAN / BT / Zigbee Tunable Embedded PCB Antennas offer high functionality and performance for smaller/thinner designs. The 2.4 / 5GHz dual-band antennas utilize patented Isolated Magnetic Dipole (IMD) technology to deliver a unique size and performance combination. This technology provides superior RF field containment, resulting in less interaction with surrounding components. The antenna has unique features enabling limited range RF tuning by leaving P1 - P6 and C1 - C2 connected by "solder bridge" or disconnected with a "cut" to the trace. WLAN / BT / Zigbee Tunable Embedded PCB Antennas are ideal for Smart Home, Digital Signs, Automotive, and many more applications.



AVX RF Products

Includes antennas, DC blocking, filtering, resistors, power splitters, and more.

AVX RF Products include antennas, DC blocking, impedance matching and tuning, filtering, signal feedback, power splitters, thermal management, and RF resistors, terminations, and attenuators. RF Products are ideal for medical, instrumentation, tracking, GPS, software def radios, 5G communications, and IoT applications.

that is a cost-effective thermal management solution.

