





BASIC OVERVIEW




Ethertronics, an AVX group company, provides antenna technologies from concept-to-completion. Ready-to-use RF Antennas are compact, high performing, and available in multiple form factors for all common protocols and frequencies. They are used in IoT, automotive, industrial, and medical applications.

TECHNICAL INFORMATION

Frequency Bands Covered

<p>Broadband LTE:</p>  <p>LTE CAT-M, NB-IoT, SigFox, LoRa, Cellular LPWA, and RPMA (670 - 960 MHz / 1710 - 2700 MHz)</p>	<p>Wi-Fi:</p>  <p>Bluetooth, Zigbee, WLAN, and 6LoWPAN (2.4 GHz / 5 GHz)</p>
<p>ISM:</p>  <p>LoRa, Z-Wave, and SigFox (868 MHz / 915 MHz / 970 MHz)</p>	<p>GNSS:</p>  <p>GPS, GLONASS, Beidou, Galileo, and L-Band (1575 MHz / 1560 - 1606 MHz)</p>

ANTENNA TYPES OFFERED

-  • On-Board Embedded (FR4, Ceramic, Stamped Metal)
-  • Off-Board Embedded (PCB, Flexible Printed Circuit)
-  • External

KEY FEATURES / BENEFITS

- Quicker Time to Market
- Better Performance and Isolation with Patented Isolated Magnetic Dipole™ Technology
- Tuning Capabilities for Performance Optimization
- Samples, Evaluation Boards, Datasheets, Application Notes, and DXF Files are Available

APPLICATIONS

LTE

- Automotive
- Mobile
- Machine-to-Machine

Wi-Fi

- Laptops
- Headsets
- Tablets

ISM

- Point of Sale
- Smart Metering
- Home Automation

GNSS

- Navigation
- Tracking
- Radar

COMPETITORS / AVX ADVANTAGES

Competitors



Advantages

- Excellent isolation due to patented Isolated Magnetic Dipole™ Technology
- Evaluation boards available with standard antennas for easy testing.

- Application notes available with standard antennas for easier system integration
- R&D and manufacturing facilities all over the globe

Specific Series Crossover

AVX Series	Competitor	Competitor Series
P822601	Taoglas	PCS.26.A
1001388	PulseLarsen	W3715
1001013	Taoglas	LA.02
P522304	PulseLarsen	W3544A
1001932PT	Molex	1461870100

Have a question?

CONTACT: Your Local Representative

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