

Pulse Larsen Antenna Solutions...

Keep your hands on the RF Pulse...

Choose Pulse Electronics for World Class Design, Test and Manufacturing of High Reliability Antenna Systems to give you the best connectivity between your device and the world. Call and Experience the best customer service.



Embedded Applications

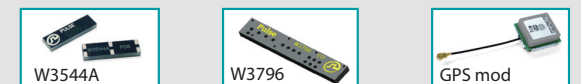
Helical Antennas: High Efficiency 3D molded antennas for SMD process. Ideal for KeyFOB products and other small PCB foot-print areas (ISM 315MHz, 2.4GHz, 1.575GHz, ISM 433MHz).



Ceramic Antennas: In-house ceramic manufacturing process allowing world smallest and most efficient compact antennas. All frequencies available such as: WiFi, BT, BLE, Zig-bee, ISM, GPS, WiFi & GPS, GPS/GNSS/Beidou, Dual Band GSM.



Composite Antennas: Ideal for cellular type of applications (2G/3G/4G) requiring compact and efficient antenna form factors.



External Applications

DAS Family: Indoor LTE MIMO & SISO World Class Solutions (**CLARITY:** ultra thin 8.3mm height, translucent, high cosmetic finish) & (**TRADITIONAL:** Bulky Products) available with N, 4.3-10, mini-DIN connectors.

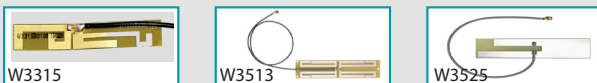


Traditional Blade Antennas, Outdoor Radome Omnis and Yagis are available. Weather Proof IP65/67 Products, Direct Mount, with or w/o Bracket, Dipoles (Straight, Right angles), Radome Omni. All frequency bands available from 600MHz to 6GHz (Wlan, WiFi, GPS, 2G, 3G, 4G, LTE, UHF, VHF, Multi bands).



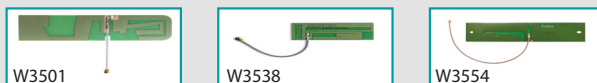
Cabled Antenna Solutions: Embedded within the device using low loss RF cables and standard connectors of your choice. Antenna substrate is based on FR4 and FPC. Antennas are mechanically fit within the design using snap-in features, adhesive, ribs or hooks.

2G/3G Solutions:



WiFi Solutions:

3G/4G Solutions:



NFC Solutions:

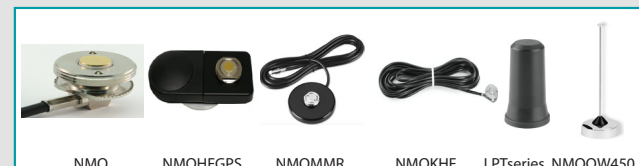
Wide Range of 13.56MHz antennas with various shapes and dimensions on FPC substrate.



Pulse/Larsen develops all types of mounting, cables and connector solutions for vehicular applications. Any requirements from OEM, ODM or after market customers are available from 50MHz to 6GHz. Any Mounting solutions (Direct, Magnet, Adhesive). Any cable type and length & any connector types are available upon request.



NMOMount: Pulse/Larsen is the patent holder of the world renowned NMO MOUNT facilitating the antenna installation for vehicular applications.



SMD / MINIATURE SOLUTIONS

CABLED SOLUTIONS

NFC

DAS DUCKIES & OUTDOOR

VEHICULAR

NMO MOUNT

State of the Art Manufacturing Techniques

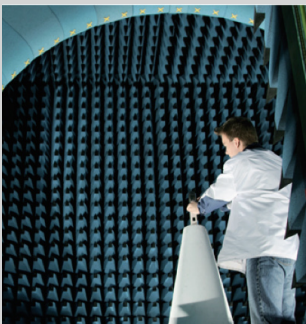
Laser Tuning of HTCC for
100% Reliability



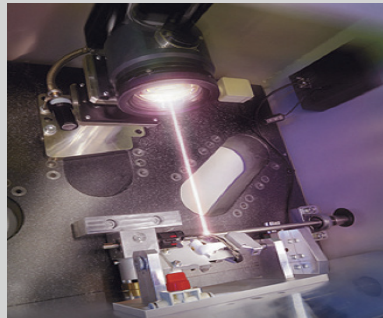
Plasma Treatment
for enhanced adhesion



Anechoic Chambers for
100% RF Testing



Laser Processing for
3D Antennas (LDS)



Automatic Epoxy &
Glueing Dispensers



Passive Intermod. Chambers for
100% PIM Testing



FLUIDWRITER
3D Deposition Process



Automated Cable Stripping,
Cable Assemblies



Additional Capabilities:

- Any Welding Process
- Any Stamping, Plastic Injection
- FPC, FR4 antennas
- SMD Assemblies
- Painting process
- Heatstaking
- Acoustic Module Assemblies
- Platisol Dipping
- IP65 & IP67 Assemblies

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