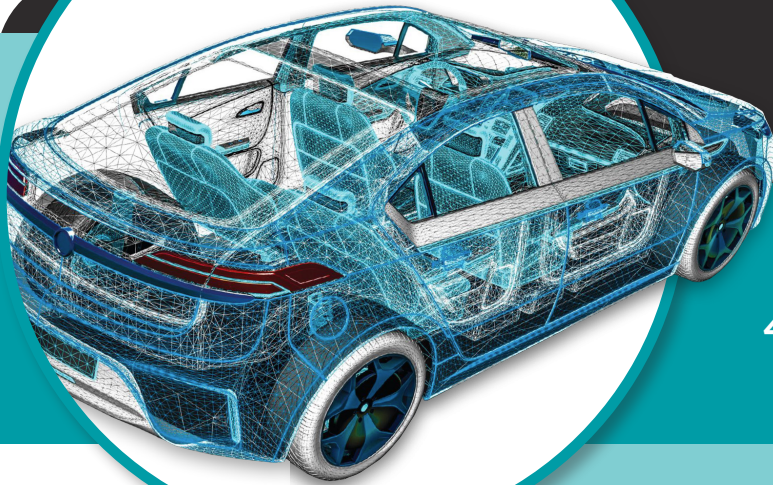




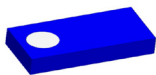
**Leading Innovator of
Automotive Antenna Solutions**

*Customized & Catalog Antenna
Products for*
4G/5G-FR1/GNSS/WiFi-6E/WPC.



EMBEDDED AND INTERNAL ANTENNAS FOR AUTOMOTIVE APPLICATIONS

Pulse embedded technologies results in robust board-mounted antenna designs making them exceptionally suitable solutions for small hand-held automotive solutions such as key-fobs, GPS tracking, NFC, BLE and Zigbee communication, security cameras, and WiFi applications. Pulse's internal FPC and PCB antennas are often connected by a cable and connector and can be customized and optimized for your automotive application. Common locations for these antennas can be fixed inside the mirror, under the dash, inside your wireless or tracking device, in the door handle, inside the radio and more.



SMALLEST 2.4GHz antenna
ANT1608LL14R2400A
1.6x0.8x0.4mm



GPS, GLONASS PATCH:
W3223 - 25x25x4mm, Pin feed
W3224 - 18x18x4mm,
ANT2835BSOWTGNL5S -
GNSS-L5 - 35x35x8mm



ISM Coils
W3126 - 315 MHz
and W3127 - 433MHz



FPC Multi-bands
W3915 (3G/GPS)
W6114B0100 - 2x2 MiMo 5G-
FR1/WiFi-6E



Ceramic Chips
W3006, W3078, W3095



PCB antenna
W3315B0100 and W3593B0100
NFC/BLE: W5100, W5101

EXTERNAL AND OUTDOOR ANTENNAS FOR AUTOMOTIVE APPLICATIONS

Pulse manufacture a diverse line of outdoor automotive antennas. Our ruggedized, built-to-last antennas cover frequencies 136 MHz to 7.1 GHz, including multi-bands, 5G-FR1, Wi-Fi, GNSS (GPS) and also wireless power charging coils. Most antennas are available in a variety of mounting styles including NMO, direct, glass, and magnetic mounts, and in many different form factors such as low profile, stealth blade, low profile transit, and whips. Pulse is a leader in automotive aftermarket antennas and has been a main supplier to large Automotive OEM's for decades.

Multi-Band Modules : 5G-FR1/LTE/GNSS, WiFi



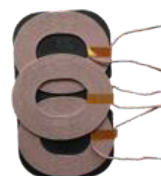
LPT600/71 Series
5G-FR1, WiFi-6E
All Key Mounting
Options Available
No Ground Plane
Version Available



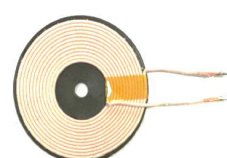
Jaguar Series
5GGNSSLPMB401
5G-FR1, WiFi-6E, GNSS
Low profile - adhesive mount



Panther Series
PAN5G62311DM
5G-FR1, WiFi-6E, GNSS
Direct Mount
Custom Configuration Available



WMRT399A-0



WMRT149A-1

Magnetic coil TX and RX Anti-freeze plate and coil
High efficiency with/without ferrite
Ultrathin and compact design

QI international Standard compliant



Low Profile Vehicle
SLPT698/2170DMN (LTE)
SLPT2400/5900DMN (Dual WiFi)



Shark Fin Series
SKF5G62311DM
5G-FR1, WiFi-6E, GNSS
Smallest in market



Twin Castle Series
TWC94411DM
4x4 MiMo 5G,FR-1,
4x4 MiMo WiFi-6E, GNSS

CUSTOMIZATION

Choose Pulse for World Class design, test and manufacturing of high reliability antennas systems to give you the best connectivity between you, your car and the World!

Other Great Products from Pulse Electronics



Embedded Antennas Ceramic/Helical/FPC/Stamped

Embedded ceramic chip and patch, composite, Helical, FPC and Stamp metal antennas for effective miniaturization and simplicity



3D Antennas LDS/LAP/FluidANT

Get Inspired of 3D Shapes by using LDS, LAP & FluidANT antenna design and manufacturing process.



Internal Antennas FPC/PCB/NFC/WPC/LCP Antennas

Pre-optimized performance with common plastic housing. Compact dimensions and adhesive mount. Providing high efficiency solutions of NFC and WPC compliance



External/ In-Building Antennas

Reliable blade/ stick antennas for routers & gateways. Cutting edge design and performance proven DAS antennas for in-building wireless and public-safety.



IPD RF Components - LTCC

LTCC based BPF, LPF, Balun, Diplexer, Triplexer, Balanced BPF, and Coupler



Outdoor Antennas

Weather proof portable and fixed outdoor antennas for portable radio and data collecting purposes.



Vehicular Antennas

Extensive ruggedized, tamper-proof and aesthetically pleasing legacy Larsen and multiband antennas for public safety, transportation, and other applications.



Cable & Mounting Solutions

Support NMO and various mounting types with custom cable types and connector selections.