

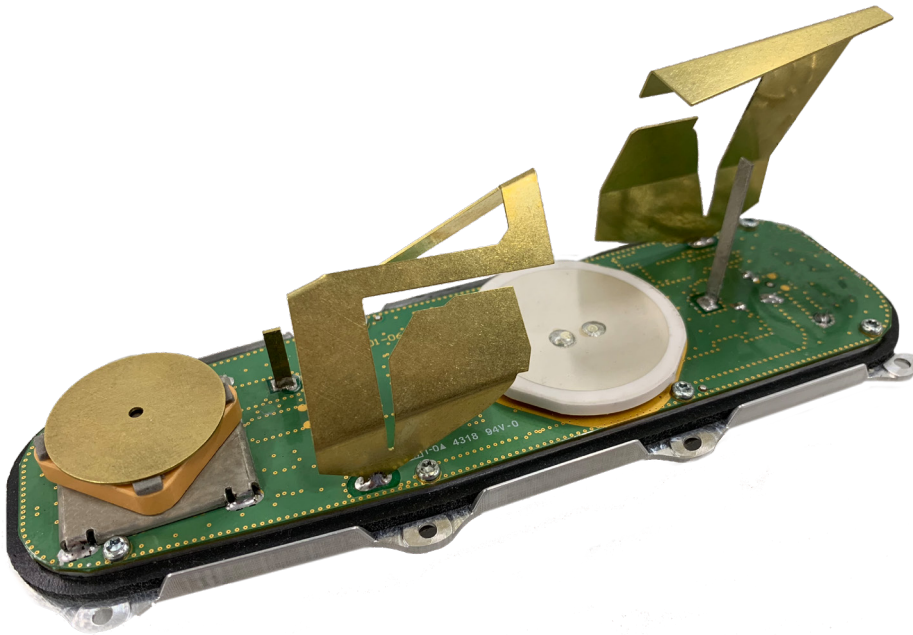


MOLEX ANTENNA CUSTOM OEM VEHICLE ANTENNA SOLUTION

Molex is the Global Antenna Market Leader

Custom solutions for any connectivity requirements. Design and tested to meet OEM specification.

Molex antenna products provide best in-class solutions for automotive and commercial OEMs. These products are developed with industry-leading RF expertise to ensure the best possible connectivity.



Molex offering a wide variety of multi-band antennas as well as smart antennas with integrated processor. Molex can configure these antennas to various specifications using a host of connectors, cables, and fixation methods. Molex specializes in developing custom-tailored products to exactly fit its customers' needs.

Molex meets all the rigorous requirements of being a Tier 1 OEM supplier and has a track record of exceeding customer expectations.

Some highlights of its OEM services include:

- Innovative and patented design solutions
- Industry-leading quality levels
- Full vehicle anechoic chamber testing
- TS-16949 certified production facilities
- Best-in-class supply chain management
- Co-location with its customers



CONNECTED VEHICLE SOLUTIONS
VEHICLE ANTENNA

MOLEX ANTENNA CUSTOM OEM VEHICLE ANTENNA SOLUTION



Technical Specifications

ANTENNA BANDS/FREQUENCIES

Cellular

LTE MIMO

698 MHz - 960 MHz

1710 MHz - 2170 MHz

2496 MHz - 2690 MHz

3400 MHz - 3800 MHz

GNSS

GPS (L1, L2)

GLONASS (L1, L2)

Galileo (E1, E5b)

Beidou

AM/FM

AM: 535 kHz - 1705 KHz

FM: 87.5 MHz - 108 MHz

DAB

174 MHz - 240 MHz

SXM

2320 MHz - 2345 MHz

Compliant to SXM03 Specification

V2X

DSRC/C-V2X

5.9 GHz

BLE/WI-FI

2.4 GHz

RKE/TPMS

315 MHz

MOUNTING LOCATIONS

Roof top

In-Glass

Spoiler

Instrument Panel

ANTENNA TYPE

Smart antenna with integrated processor

Shark-fin antenna

Masted antenna

Low profile antenna

Hidden antenna

In-glass antenna

Foil antenna

COMPLETE SOLUTIONS TO ACHIEVE YOUR VISION

Our capabilities are constantly evolving to meet the demanding requirements for autonomous driving, infotainment and connectivity. We take an holistic solution mentality to achieve end-to-end connectivity and optimal performance.

molex

www.molex.com/connected-mobility

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