The Perfect All-In-One Solution for your In-Vehicle Mobile Access Router

The AP-Double Cell/LTE Antenna is the all-in-one, low profile housing that provides 2 high gain Multiple-In, Multiple-Out (MIMO) Cellular/LTE antennas. This can come with a threaded bolt mount, permanent adhesive mount or magnetic mount; color choices of black or white.

Key Benefits:

Faster Data Speeds. With the AP-Double Cell/LTE Antenna, you will get superior Cellular/LTE data throughput speeds with the Multiple-In, Multiple-Out dual antennas. Our double Cellular/LTE antenna design takes advantage of the fastest speeds that the 4G/LTE network offers.

Bigger Wireless Footprint: By using the AP-Double Cell/LTE Antenna, you can be farther away from a cell site and still connect; up to 25% more wireless coverage, depending on the geography you travel in.

One Simple Installation: All antennas are built into one physical housing so that you only have to drill one hole for a fast and tidy installation. This reduces the need for multiple antennas on top of the vehicle.

Long Product Life: Our rugged, low profile design gives you protection against all of the natural hazards a vehicle faces including vibration, hot, cold, ice, salt, dirt, car washes, and tree branch sweeps. Our antennas typically outlast the life of vehicle.

Connects to mobile data wireless routers with TWO Cellular/LTE ports.
**Electrical Specifications**

**Frequencies:**
Cellular/LTE = 698-2700 MHz  
(includes Band 14 LTE)

**VSWR:** 1.5:1 or less at resonant point

**Gain:**
- 698-890 MHz: 3 dBi;  
- 1710-2700 MHz: 4 dBi

**Radiation Pattern:**  
OMNI Directional

**Polarization:**  
Vertical

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**Mechanical Specifications**

**Radome:**  
Glass Filled Polypropylene

**Cable Length:**
- 15 feet (4.5 m) (Adhesive and Bolt Mount)  
- 10 feet (3 m) (Magnet Mount)  
- Optional cable length to 35 feet

**Connectors:**  
The AP-Double Cell/LTE Antenna can come with any  
RF connectors you need to connect to your modem.

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**Environmental Specifications**

**RoHS Compliant**

**Temperature:** - 40 °C to 85 °C (-40 °F to +185 °F)  
operating and storage

**Humidity:** (non-condensing) - 5% to 95%  
operating and storage

**Military Spec** MIL-STD 810 conformance to thermal,  
mechanical shock, and humidity.

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**Dimensions**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.220” (56.4 mm)</td>
<td>3.831” (97.3 mm)</td>
<td>7.000” (177.8 mm)</td>
</tr>
</tbody>
</table>

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**Built-in Metal Ground Plane**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>2.183” (55.5 mm)</td>
<td>7.074” (179.7 mm)</td>
<td>7.650” (194.3 mm)</td>
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**Mounting Styles**

- Threaded Bolt  
- Magnetic  
- Permanent Adhesive