



AP-M2M1 DOUBLE CELL/LTE

Best Wireless Connection For M2M



Available colors: Black or White

The AP-M2M1 Double Cell/LTE Antenna is the all-in-one, low profile housing specifically designed for the M2M market, providing two high gain Cellular/LTE antennas inside one small housing. This is ideal for kiosks, digital signage, wireless ATMs, industrial metering and other wireless machine to machine applications.

Key Benefits:

Getting Beyond the Wireless Shield. With M2M applications, the first hurdle to address is getting the wireless signal outside of the enclosure where the modem resides. Our antenna is mounted on the outside of your hardware, thereby providing a much better signal.

Bigger Cellular Footprint. The AP-M2M1 Double Cell/LTE Antenna can provide up to 25% more wireless coverage, depending on the geography that it is used in. We use an omnidirectional pattern and apply a 3 dBi gain to our antenna which focuses the energy of the antenna to the horizon, where cellular towers are.



Airgain, Inc.

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Cable Length. Comes with a standard 6 foot cable length for M2M applications, shorter and longer cable options are available on request.

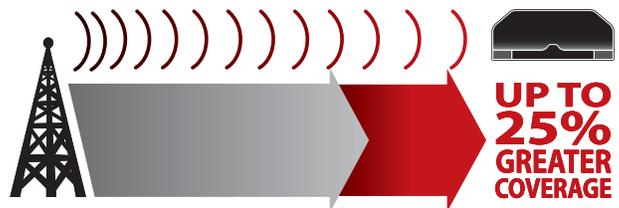
Faster Data Speeds. With the AP-M2M1 Double Cell/LTE Antenna, you will get superior Cellular/LTE data throughput speeds with the Multiple-In, Multiple-Out dual antennas. Our double Cellular/LTE antenna design takes advantage of the fastest speeds that the 4G/LTE network offers.

Long Product Life. The AP-M2M1 Double Cell/LTE Antenna stands only 2.025" (51.4 mm) high. It is made to withstand all of the natural elements, and because of the inconspicuous physical design, people do not even notice it.

Metal to Ground Plane Option. If you are mounting the AP-M2M1 Double Cell/LTE Antenna on a non metal surface, you can use our metallic tape (AP-B) underneath the drilled hole.

Custom Design Work is Possible. We understand that your solution may have specific challenges. We want to work with you to provide the best performing, optimized solution that will work for you. Give us a call!

Product	Cell/LTE Antenna	WiFi Antenna	GPS Antenna
AP-M2M1-CC	✓✓		



AP-M2M1 DOUBLE CELL/LTE

Electrical Specifications

Frequencies:

Cellular/LTE = 698-2700 MHz

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

Mechanical Specifications

Radome:

Glass Filled Polypropylene

Cable Length:

6 feet (1.83 m) (Adhesive and Bolt Mount)

6 feet (1.83 m) (Magnet Mount)

Shorter and longer cable options available

Connectors:

The AP-M2M1 Double Cell/LTE Antenna can come with any RF connectors you need to connect to your modem.

Environmental Specifications

RoHS Compliant

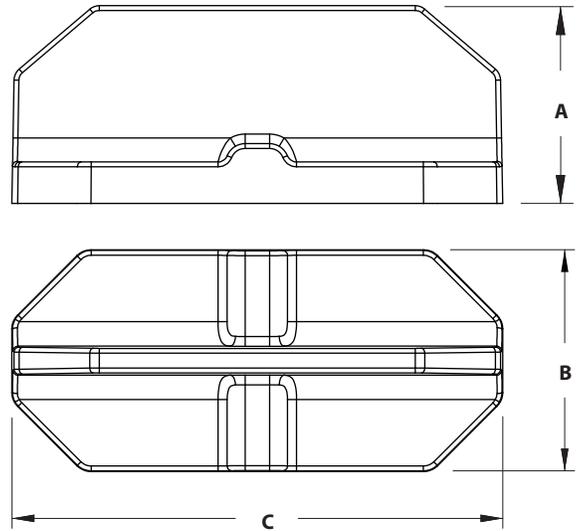
Temperature: - 40 °C to 85 °C (- 40 °F to +185 °F)
operating and storage

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

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



Dimensions



A	B	C
2.025" (51.4 mm)	2.271" (57.7 mm)	5.021" (127.5 mm)

Mounting Styles

