

AP-MULTIMAX ANTENNA

AP-CGW



Seamless Integration to Wireless Technologies



Available colors: Black or White

The AP-MultiMax Antenna is the low profile Cellular/PCS/LTE, WiFi (802.11 a b g n) & GPS combination external antenna. Everything is in the one housing, reducing the need for multiple antennas and holes being drilled.

Key Benefits:

Better Cellular/PCS & WiFi Reception

By using the AP-MultiMax, the wireless signal is optimized, getting the signal outside of the vehicle

Bigger Wireless Footprint

AP-MultiMax provides up to 25% more wireless coverage, depending on the geography you travel in.

Faster Data Speeds

Better reception translates to faster speeds. The data gets through the first time, correctly. WiFi speeds are especially sensitive to signal strength.

Long Product Life — Low Profile Design

The AP-MultiMax Antenna is very durable and stands only 1.6 inches high. It withstands all of the natural elements, car washes, and being swept by tree branches.

One Simple Installation

The AP-MultiMax Antenna has all of the antennas in the one housing. This means you only have one hole to drill and one installation effort.

Connects to All Major Brands of Wireless Data Cards with external antenna ports.

Docking Stations: Havis LEDCO, Gamber Johnson, Panasonic, PMT, Kodiak

Wireless Trunk and Mobile Access Routers from:

Sierra Wireless, AirLink, Sixnet, Utility Associates, Junxion, Cisco MAR, In Motion and many others.



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ANTENNAPLUS
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AP-MULTIMAX

MultiMax Antenna

Electrical Specifications

Frequencies:

- Cellular = 824-896 MHz
- PCS = 1850-1995 MHz
- WiFi = 2.4 & 5 GHz
- LTE = 704-787 (Block B and C)
- GPS = 1575.42 MHz

VSWR: 1.5:1 or less at resonant point

Gain: 3.0 dB

Radiation Pattern:

- OMNI Directional
- Hemispherical (GPS)

Polarization:

- Vertical

Mechanical Specifications

Radome:

- Glass Filled Polypropylene

Cable Length:

- 15 feet (4.5 m) (Adhesive Mount)
- 10 feet (3 m) (Magnetic Mount)

Connectors:

- Contact factory for connector options.

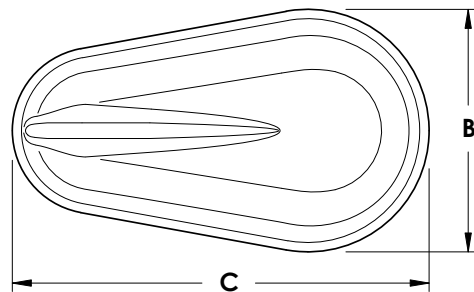
GPS Antenna Specifications

- Center Frequency . . . 1575.42 MHz
- Gain 30 dB min.
- Polarization R.H.C.P.
Right Hand Circular Polarization
- Noise Figure 2.0 max.
- Arial Ratio. 3 dB max.
- Bandwidth 2 MHz min.
- VSWR 2.0 max.
- Output Impedance . . . 50 Ohms
- Voltage 3-5 Volts
- Current 15 mA (max)

Environmental Specifications

- MIL-STD- 461 : EMI protection
- MIL-STD-810F rev 514.5: Vibrations
- MIL-STD-810F 501.4, 502.4: Extreme temperatures
- MIL-STD-810F 507.4: Humidity
- IEC 68-2-52: Salt
- MIL STD-810F, rev 516.5: Impacts
- Enclosure will resist to petroleum products

Dimensions



A	1.6 in. (38 mm)
B	4.0 in. (102 mm)
C	6.8 in. (173 mm)