



Mobile Mark's GSM/CDMA Mag mount family provides the variety to fit into every application.

Mag-Mount antennas are designed for users who like a roof mount antenna but need portability or extreme ease of installation. Roof top position allows use of the entire roof as a ground plane, enhancing the antenna's performance.

GSM/CDMA dualband models are designed for many of the current generation of carrier markets. TheMAG0 model is even wideband enough to be used for additional applications such as ISM 915, 2.4 GHz WiFi or AWS, UMTS/HSDPA.

A powerful magnet holds the antenna securely and the scratch resistant bases protect the surface. The case of these antennas are made of polycarbonate. The radiator on model MAGV-UCE is made of rust proof (304) stainless steel. These antennas are tough enough for almost any application.

Different connectors are available, and should be requested at the

## Magnet Mount Antenna Dual Band 824-2500 MHz

- Dual Band Models for Cellular GSM/ CDMA, 3G, GPRS, and Networks
- Multiband models expand into WiFi, AWS, HSDPA/UMTS, ISM 915 & Trunking
- Rugged construction holds up under the harshest use
- Small profile base with ultra-strong magnet holds secure for mobile or fixed use

time of order. Please consult table for model and frequency range.

The MAG0 & MAGV antennas are also available with integral GPS antennas for AVL applications.

| Model #                                          | Frequency              | Gain        |
|--------------------------------------------------|------------------------|-------------|
| MAGV-UCE-1C00-BLK-180                            | 804-960<br>&1700-2000  | 3 dBi(peak) |
| MAG2-UMB-2C-BLK-120                              | 824-960 &<br>1700-2200 | 2 dBi       |
| MAG0-900/1900-2C-BLK-120                         | 804-960 &<br>1700-2500 | Unity       |
| <u>Color options available</u><br>BLK-Black only |                        |             |

### Specifications

|                    |                            |
|--------------------|----------------------------|
| Frequency:         | See above                  |
| Cellular/SMR Gain: | See above                  |
| VSWR:              | 2:1 max over range         |
| Operating Temp:    | -40° to +85° C             |
| Nominal Impedance: | 50 ohms                    |
| Maximum Power:     | 10 Watts for 800/900 MHz   |
| Cable:             |                            |
| MAGV & MGX         | 15ft (4.5 meters) of RG-58 |
| MAG0 & MAG2        | 10 ft (3 meters) of RG-174 |
| MAGV Whip:         | 304 Stainless Steel        |
| Connector:         | SMA Plug (Male) standard   |
| Case Material:     |                            |
| MAG0, MAGV, MGX    | Polycarbonate              |
| MAG2               | Polyurethane               |

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Dimensions:        |                                                     |
| MAG2 Mag Mount     | 3" H x 1" D (76 mm x 25 mm)                         |
| MAG0 Mag Mount     | 3 1/2" H x 3 3/4" D<br>(89 mm x 95 mm)              |
| MAGV Mag Mount     | 5 1/2" H x 3 3/4" D<br>(140 mm x 95 mm)             |
| Color Options:     | Black Only                                          |
| Shock & Vibration: | MAG2: EN 61373, IEEE 1478,<br>MIL-810G, TIA-329.2-C |
| Water Ingress:     | MAG2: IPx5                                          |