

Magnet Mount Antennas

For Cellular/PCS/Nextel & Data



MAG3 High Gain



MAG0-900/1900
MultiBand antenna



MAGV-UCE
MultiBand antenna

- High gain 5 dBi models operate on popular 800 or 900 MHz bands
- Multiband unity & 3 dBi gain models operates on all popular voice & data networks
- Rugged polycarbonate case & Stainless Steel whip holds up under the harshest use
- Small profile base with ultra-strong magnet holds secure for mobile or fixed use

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

The magnet mount antennas are available in a variety of gain configurations and bands. The multiband models operate on most popular voice/data network. The higher gain antennas vary in height and frequency. The higher gain models use 304 stainless steel whip with flexible phasing coils, accommodating many locations.

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 radiators are made of rust proof (304) stainless steel. These antennas are tough enough for almost any application.

The mag-mount antennas are connected to the phone or wireless device by either TNC, Mini-UHF, or SMA connector (please specify). Other connectors are available,

and should be requested at the time of order. Please consult table for model and frequency range.

For ISM part 15, special connectors are also available, please consult factory. This entire series of antennas are also available with an integral GPS antennas for mobile tracking/AVL applications.

Single Band Model Numbers

Model	Freq (MHz)	Gain	Uses
MAG3-900	824-894	5 dBi	Cellular/CDPD
MAG3-837	806-870	5 dBi	Low SMR
MAG3-925	870-960	5 dBi	ISM/GSM, Mobitex

Dual & Multiband Models

Model	Freq (MHz)	Gain	Uses
MAG0-900/1900	804-960 & 1700-2000	Unity	Cellular/PCS, EDGE/GPRS, 1xRTT & EV-DO
MAGV-UCE	804-960 & 1700-2000	3 dBi (peak)	Cellular/PCS, EDGE/GPRS, 1xRTT & EV-DO

Please confirm desired connector at time of order.

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:	
MAG3/MAGV	15ft (4.5 meters) of RG-58
MAG0	10 ft (3 meters) of RG-174
Case Material:	Polycarbonate

Dimensions:

MAG3 Mag Mount	11 1/4" height (286 mm)
MAG0 Mag Mount	3 1/2" height (89 mm)
MAGV Mag Mount	5 1/2" height (140 mm)
Base size	1" H x 2 5/8" D (25 mm x 67 mm)
Mounting:	Magnet with protective base
Whip:	304 Stainless Steel
Cable Attachment:	Integral to device, side exit
Connector:	TNC, Mini-UHF or SMA. Specify at time of order.