



MAG3 High Gain

Magnet Mount Antennas

For Nextel, ISM & 850 Cellular

- High gain 5 dBi models operate on popular 800 or 900 MHz bands
- 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
- Available with a variety of connectors, including reverse polarity for ISM 915

The 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.

These Mag-Mount antennas are available with 5 dBi peak gain configurations. These models use 304 stainless steel whip with flexible phasing coils, accommodating many locations. The whip can flex to over 90 degrees without damage.

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 anten-

nas are tough enough for almost any application. The antennas are connected to the phone or wireless device by either TNC, Mini-UHF, SMA or N connector (please specify). For ISM 915, reverse polarity connectors are also available.

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	Nextel
MAG3-925	870-960	5 dBi	ISM/ 900 GSM, Mobitex

Please confirm desired connector at time of order.

Specifications

Frequency:

MAG3-900	824 - 894 MHz
MAG3-827	806 - 870 MHz
MAG3-925	870 - 960 MHz

Gain: 5 dBi Peak

VSWR: 2:1 max over range

Operating Temp: -40° to +85° C

Nominal Impedance: 50 ohms

Maximum Power: 10 Watts

Cable: 10 ft (3 meters) of RG-174

Case Material: Polycarbonate

Mounting:

Magnet with protective base

Whip Height: 11 1/4" height (286 mm)

Base Dimension : 1" H x 2 5/8" D (25 mm x 67 mm)

Whip: 304 Stainless Steel

Whip Flex: 0 - 90°+ without damage

Cable Attachment: Integral to device, side exit

Connector: TNC, Mini-UHF or SMA typical, specify at time of order.