



5 dBi model shown

Mobile Mark's high frequency Magnet Mount antennas are useful for many applications including surveillance work, PCS, ISM/Data and other high frequency applications. Its unique design features allow the antenna to overcome many of the problems normally associated with higher frequency systems.

These high frequency antennas have a ground plane imposed at the feedpoint. This design overcomes the

Model Numbers

Frequency range	5 dBi Gain	Unity Gain
1770 - 1870 MHz	IMAG5-1800	IMAG0-1800
1850 - 1990 MHz	IMAG5-1900	IMAG0-1900
2400 - 2500 MHz	IMAG5-2400	IMAG0-2400

Ranges shown indicate factory standards. For operation on special frequencies, please consult factory for availability. Minimum quantities may apply.

Magnet Mount Antenna Series (Pat.Pend.)

For PCS, ISM & High
Frequency Applications

- Available from 1770 - 2500 MHz
- Built in ground plane improves high frequency performance
- 5 dBi gain overcomes signal losses, unity gain also available
- Low Profile, 2" powerful magnet securely holds antenna

typical ground decoupling that occurs at the higher frequencies. The 5 dBi gain model also compensates for typical system losses that occur at these higher frequencies. Because the antenna has its own built-in ground plane, it is not required that it be mounted on a metal surface. For appropriate applications, a unity gain (0 dBi) version is also available.

These antennas are very small in design and appearance. A powerful mini magnet (only 2") holds the antenna securely at all times. The 3" round integral ground plane can serve as a removal handle. The low profile 5 dBi whip with close winding phasing coil reduces potential whistling noise. These antennas can be mounted on virtually any surface. A metal surface will provide best contact with the powerful magnet.

All units are supplied with TNC connector unless requested otherwise. N connectors are also available.

Specifications

Frequency:	See above	Mount:	ABS plastic & metal
Gain:	See above	Whip Material:	17-7 stainless steel with chrome plating
Bandwidth:	See above @2:1 SWR	Cable:	10 feet of low loss LMR-240
Impedance:	50 Ohm nominal	Connector:	TNC standard, N type connector upon request
Maximum Power:	10 Watts		
Whip Length:			
5 dBi model	7 inches maximum		
Unity (0 dBi) model	2 inches maximum		

Reverse SMA Plug

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Visit our web page at www.mobilemark.com. Specifications subject to change without notice (2/2000).

P/N

97583=2dB

1000159=5dB