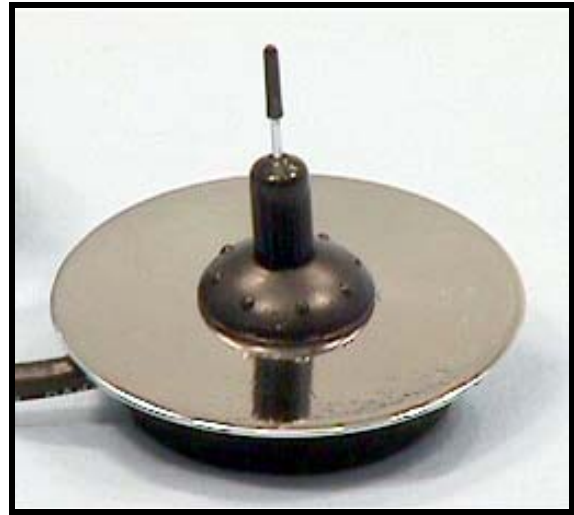


EM-6111 and EM-6112 MAGNET MOUNT ANTENNAS



EM-6111



EM-6112

Description

The EM-6111 and EM-6112 are high frequency Magnet Mount antennas. These antennas are useful for many applications including surveillance work, PCS, ISM/Data and other high frequency applications. Their unique design features allow the antennas to overcome many of the problems normally associated with higher frequency systems.

These high frequency antennas have a ground plane imposed at the feedpoint – a design that overcomes the typical ground decoupling that occurs at the higher frequencies. The 5 dBi gain model also compensates for typical systems 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 also available.

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Specifications

Electrical

Frequency:

EM-6111: 5 dBi

EM-6112: 0 dBi

Bandwidth: 140 MHz @ 2:1 SWR

Maximum Power: 10 Watts

Note: EM-6111 and EM-6112 Magnet Mount Antennas are purchased separately.

**Specifications subject to change without notice.
Unless otherwise specified, product is manufactured in Johnstown, NY USA.**

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