**Surface Mount Antenna**

**Wideband 1.7-6.0 GHz**

- Mounts easily to roof, trunk or bulkhead
- Ground plane independent omni configuration
- Rugged and attractive ASA radome, available in thru-hole, mag mount or Direct N Female
- Wideband model operates over 1.7 - 6 GHz with excellent linear performance

These antennas lead the industry with efficient, wideband coverage from 1.7-6.0 GHz.

The stud mount style can be mounted to any vehicle, container or bulkhead. The rugged design is excellent for industrial applications, yet attractive for consumer use. Magnetic mount versions offer semi-permanent or noninvasive installation options.

Antenna performance is 3 or 5 dBi gain (frequency dependent) for the RM Series, with no ground plane required for proper operation. The antennas can even be mounted on fiberglass or plastic housing and meet electrical specifications.

The RM Series antenna radome consists of Black or White ASA UV stable plastic with a heavy metal base and threaded feed-thru. The bottom mounting plate is outfitted with a gasket for a watertight seal.

The MGRM style is a mag mount version of the RM. It utilizes the same housing as the RM series, with a powerful rare earth magnet for secure mobile applications. The magnet bottom is outfitted with a protective vinyl cover, to prevent marring of the vehicle surface.

The wideband models RM-WHF & MGRM-WHF can operate over the entire frequency range of 1.7-6 GHz. These wideband models can be used for 802.11 a/b/g/n, AWS, WIMAX, 4.9 Public Safety and DSRC.

The stud mount design use a 5/8” (16mm) feed thru for securing to the vehicle. The Direct N version has a Direct N female (Jack). Mag-mounts are provided with 10-feet (3 m) of cable.

### Specifications

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<td>RM-WHF-DN-BLK</td>
<td>Direct N Jack</td>
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<td>MGRM-WHF-3C-BLK-120</td>
<td>Mag Mount</td>
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<td>Add “-TM” for Vehicle Trunk Lid Mount</td>
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### Model #

- **RM Series** - White
  - **Trunk Lid Mount**
  - **Direct N Version**
  - **RM Mounting:** 3/4” L stud (19 mm)
  - **RM-WHF-DN:** 5/8” diameter (16mm)feed thru for 1/2” thick surface (12.7 mm)
  - **RM-MK:** Pole & Wall Mount adapter
  - **NT-MK:** Universal Wall/Pipe adapter

- **MGRM Mag Size:** 1 6/8” diameter x 3 5/8” high (43 mm x 92 mm)

### Color options available for above models

- **WHT-White or BLK-Black**
- **MGRM Mag Base, 2 5/8"D (67 mm)**

**Case Material:** ASA plastic, UV Stable

**RM Hardware:** Nut, lockwasher

**Shock & Vibration:** EN 61373, IEEE 1478, MIL-810G TIA-329.2-C

**Water Ingress:** RM: IP67, MGRM: IPx5