

Surface Mount & Mag-Mount 2.4 & 4.9-6.0 GHz



DM Series in White



DM Series in Black



MGD Dual Band Mag



Trunk Lid Mount Option

The DM antennas provide a low profile style antenna that can be mounted to any vehicle, container or bulkhead. The rugged style is excellent for industrial applications, yet attractive for consumer use.

Models are available in a stud mount (DM) or Mag Mount (MGD, dual band only).

The DM stud mount Single band operates on the 2.4 GHz WiFi band, and the dual band Series on 2.4/4.9-6 GHz. These use a 5/8" (16mm) feed thru for securing to the vehicle. The antennas are outfitted standard with 1 foot (305 mm) of cable & connector, typically SMA Plug (Male).

Antenna performance is 2.0 dBi with no ground plane required. The antennas can even be mounted on fiberglass or plastic housing.

The antenna radome is available in white or black ASA. The bottom mounting plate is outfitted with a sealing gasket for a watertight seal.

The MGD Mag Mount is a dual band antenna (both 2.4 GHz & 4.9-6.0 GHz). It provides 2.5 dBi peak gain on either band. It has a powerful

- Available in Single band 2.4 GHz and Dualband 2.4/4.9-6.0 GHz
- Ground plane independent omni configuration
- Rugged and attractive low profile ASA radome
- Available in white or black radome

magnet for securing to an appropriate metal surface. The antenna has a 3.75" (95 mm) base. The unit has an elevated grip-lip for properly removing the antenna. The base is covered with protective vinyl sheet to prevent scratches.

The MGD Mag Antennas are outfitted with 10 feet (3 m) of RF-195 cable and connector, typically SMA Plug (Male).

| Model # | Frequency |
|---|----------------------------|
| DM2-2400-1C-WHT-12 | 2.4-2.5 GHz |
| DM2-2400/5500-3C-WHT-12 | 2.4-2.5 & 4.9-6.0 GHz |
| MGD-W15-3C-BLK-120 | 2.4-2.5 & 4.9-6.0 GHz |
| Add "-TM" for Trunk Lid Mount Option | |
| <u>Color options available for above models</u> WHT-White or BLK-Black | |
| NT-MK | Heavy Duty Pole/Wall Mount |

Specifications

| | |
|--------------------|--------------------|
| Frequency: | See above |
| Gain: | 2.5 dBi peak |
| VSWR: | 2:1 max over range |
| Operating Temp: | -40° to +85° C |
| Nominal Impedance: | 50 ohms |
| Maximum Power: | 10 watts |

| | |
|----------------|--|
| Case Material: | White or black UV Resistant ASA plastic |
|----------------|--|

MGD Mag Unique Specs

| | |
|-----------------|---|
| MGD Mag Radome: | 3 3/4" D x 1 7/8" H (95 mm x 48 mm) |
| MGD Cable: | RF-195, 10 ft (3m) & SMA Plug (Male) |

DM Stud Mount Unique Specs

| | |
|----------------------|--|
| DM Radome: | 3" diameter x 1 1/2" high (76 mm x 38 mm) |
| Hardware Supplied: | Nut, lockwasher, gasket |
| DM Pigtail Cable : | RG-58, 1 ft (305 mm), SMA Plug |
| DM Mounting: | 3/4" L stud (19 mm) 5/8" diameter (16 mm) feed thru for 1/2" thick surface (12.7 mm) |
| Mounting Option: | Pole/Wall Mount adapter NT-MK |
| Jumper/Cable Option: | Use jumpers for longer length install or order with custom |
| Shock & Vibration: | EN 61373, IEEE 1478, MIL-810G TIA-329.2-C |
| Water Ingress: | DM: IPx7 |