



DM Series in white



MGD Dual band Mag (Black Only)



DM Series in black

Stud Mount & Mag Mount

WiFi, ISM & Video Systems (Pat.Pnd.)

- Available in Single band 2.4 GHz and Dualband 2.4/5-6 GHz
- Ground plane independent omni configuration
- Rugged and attractive low profile ASA radome
- Available in white or black radome

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 (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. Access to the underside of the body surface is required to complete the installation. The antennas are outfitted standard with 1 foot (305 mm) of cable & connector (typically SMA). 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 White (standard) or optional Black ASA. The bottom mounting plate is outfitted with a sealing gasket for a watertight seal.

The MGD-W15 Mag Mount is a dual band antenna (both 2.4 GHz & 4.9 - 6 GHz). It provides 2.5 dBi peak gain on either band. It has a powerful magnet for securing to an

appropriate metal surface. The antenna has a 3.75" base (95 mm). 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-W15 Mag Antennas are outfitted with 10 feet (3 m) of RF-195 cable and connector (typically SMA). Other connectors and cable length can be ordered. The MGD has a black ABS radome.

Model Number

Model	Description	Freq
DM2-2400	Dome Stud mount	2.4 - 2.485 GHz
DM-W15-3C00	Dome Stud mount	2.4 - 2.485 GHz & 4.9 - 6.0 GHz
MGD-W15-3C00	Dome Mag Mount	2.4 - 2.485 GHz & 4.9 - 6.0 GHz

DM Antennas are supplied with standard 1 foot (305 mm) cable, but can also be outfitted with other lengths. Please specify radome color at time of order. MGD antennas are provided with standard 10 ft of cable.

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:	ASA plastic, UV Resistant

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 Mounting:	3/4" L stud (19 mm) 5/8" diameter (16 mm) feed thru for 1/2" thick surface (12.7 mm)
DM Pigtail Cable :	RG-58, 1 foot (305 mm) & SMA
Jumper/Cable Option:	Use jumpers for longer install or order with custom length
DM Series Option:	Pole & Wall Mount adapter

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