



RM3 Series - Black



RM3 Series - White



Pole & Wall
mount adapter



Mag Mount Version
MGRM Series

These new antennas complement Mobile Mark's 2.4 GHz antenna product line with a new mounting option. These body mount style antennas can be mounted to any vehicle, container or bulkhead. The rugged style is excellent for industrial applications, yet attractive for consumer use.

The designs 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 with 1 foot (305 mm) of RG-58 cable & TNC male connector. Jumper cables for completing the installation are supplied separately. Alternatively, a longer cable can be supplied upon request. For longer cable runs, RF-195 may be substituted.

Antenna performance is 5 dBi (peak gain) for the RM3 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 RM3 Series antenna radome consists of Black or White ASA UV resistant plastic with a chrome plated

Body & Mag Mount Antennas

2.4 GHz WiFi/ISM/Video Systems (Pat.Pnd.)

- Mounts easily to roof, trunk or bulkhead
- Ground plane independent omni configuration
- Rugged and attractive ABS radome, available in thru-hole or mag mount
- Low profile design provides watertight seal

mounting plate and threaded feed-thru. The bottom mounting plate is outfitted with an "O" ring for a watertight seal.

The MGRM-2400 antenna is a mag mount conversion of the RM3-2400. It utilizes the same housing as the RM3, 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 cable supplied is 10 ft (3 m) of RG-58 cable.

Model Number

Model	Description
RM3-2400	Antenna with TNC coax pigtail
RM-MK	Pole/wall mount for RM3
MGRM-2400	Mag Mount for 2.4 - 2.5 GHz

RM3 is supplied with standard 1 foot (305 mm) cable. Mag mount is supplied with 10 ft (3M) of cable. Request white radome at time of order.

Specifications

Frequency:	2400 - 2485 MHz	RM3 Mounting:	3/4" L stud (19 mm) 5/8" diameter (16 mm) feed thru for 1/2" thick surface (12.7 mm)
Gain:	5 dBi (peak)	RM3 Cable :	RG-58, 1 foot (305 mm)
VSWR:	2:1 max over range	Pigtail Connector:	SMA male, standard
Operating Temp:	-40° to +85° C	MGRM Mag Cable:	10 ft (3 m) RG-58 & TNC
Nominal Impedance:	50 ohms	Jumper/Cable Option:	Use jumpers for longer installation or order with custom length
Maximum Power:	10 watts	RM Series Options:	Pole & Wall Mount adapter White radome for RM/MGRM
RM3 Radome/Mount:	1.75" diameter x 3" high (45 mm x 76 mm)	Other cable/connector configurations available, request at time of order.	
MGRM Mag Size:	1 6/8" diameter x 3 5/8" high (43 mm x 92 mm) Mag Base, 2 5/8"D (67 mm)		
Case Material:	ASA plastic, UV Resistant		
RM Hardware:	Nut, lockwasher & "O" ring		