



RM3 Body Mount Antenna



DM2 "Dome" Antenna  
Single & Dual 2.4/5GHz



Pole & Wall mount  
adapter for RM Series

## Body Mount Antennas (Pat. Pnd.) 5 GHz for WiFi, ISM & Video Systems

- Mounts easily to roof, trunk or bulkhead
- Ground plane independent omni configuration
- Rugged ASA plastic radome, stud mounts to 5/8" hole (16 mm diameter)
- Low profile design provides watertight seal

### Available in black or white!

These new antennas complement Mobile Mark's 5 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" (16 mm) 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 (30 cm) of RF-195 cable & SMA male connector. Jumper cables for completing the installation are supplied separately, and use RF-195 low loss cable. Alternatively, a longer integral cable can be supplied upon request.

Antenna performance is 3 dBi with peak gain up to 5 dBi in the RM3 Series. No ground plane is required for proper operation. The antennas can even be mounted on fiberglass or plastic housing and meet specifications.

The RM3 Series antenna radome consists of Black (standard) or White ASA UV resistant plastic with a chrome plated mounting plate and threaded feed thru. The antenna is broadband and covers the 5.15 - 5.9 GHz bands.

The bottom mounting plate is outfitted with an "O" ring for a watertight seal.

The DM Series Low Profile "Dome" antenna radome consists of White (standard) or Black ABS UV resistant plastic and threaded feed thru. The bottom mounting plate is outfitted with a sealing gasket for a watertight seal. A mounting lock nut and washer are also supplied for securing both style of antennas.

### Model Number

Model	Style/Frequency
RM3-5500	RM3 for 5.15 - 5.9 GHz
RM-MK	Pole/wall mount for RM3
DM2-5250	DM2 for 5.15 - 5.35 GHz
DM2-5725	DM2 for 5.7 - 5.9 GHz
DM2-5500	DM2 Broadband for 5 - 6 GHz
DM2-2400/5500	DM2 Dualband 2.4 - 2.5/5 - 6 GHz

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.

### Specifications

<b>Frequency:</b>	See above	<b>Hardware:</b>	Nut, lockwasher and gasket
<b>Gain:</b>	RM3: 3 dBi, 5 dBi peak DM2: 2.5 dBi	<b>Mounting Stud:</b>	5/8" (16 mm) diameter feed thru
<b>VSWR:</b>	2:1 max over range	RM3:	3/4" long thread for 1/2" metal (19 mm long for 12.7 mm metal)
<b>Operating Temp:</b>	-40° to +85° C	DM2:	3/4" long threads for 1/2" metal (19 mm long for 12.7 mm metal)
<b>Nominal Impedance:</b>	50 ohms	<b>Pigtail Cable:</b>	RF-195, 1 foot (305 mm)
<b>Maximum Power:</b>	10 watts	<b>Pigtail Connector:</b>	SMA male, use jumpers for longer installation
<b>RM3 Size:</b>	1.75" diameter x 3" high (45mm x 76 mm)	<b>Jumper Cable:</b>	Available in varying lengths, please consult factory
<b>DM2 Size:</b>	3" diameter x 1.5" high (76 mm x 38 mm)	<b>RM Series Option:</b>	Pole & Wall Mount adapter
<b>Case Material:</b>	ASA plastic, UV Resistant		