



Dual & BroadBand
RM/RMM Series



DM2-1900 PCS/GPRS Dome
Mount in white (or black)



Pole & Wall mount
adapter for RM Series

Dome & Body Mount Antennas

Single, Dual & BroadBand

- Single band low profile Dome mount for PCS, 1X, GPRS, and Edge networks
- MultiBand designs for Cellular/GSM & PCS
- Rugged ABS, mounts to 5/8" hole (16 mm)
- Flexible seal provides watertight use

These new antennas complement Mobile Mark's broad line of antenna products for cellular & PCS/GPRS applications. These body mount style antennas can be mounted to any vehicle, container or bulkhead.

All designs use a 5/8" (16 mm) stud for securing to the surface. Access to the underside of the body surface is required to complete the installation.

The DM2-1900 antenna provides ultralow profile (1.5" H, 38 mm) with 2 dBi gain. This single band antenna is excellent for Mobile PCS or data networks (GPRS/1X/Edge compatible). The unit is supplied with a sealing gasket, and mounting hardware required. The unit can operate with or without a ground plane

The RM3 Dual Band is a medium profile (3" H, 76 mm) Antenna with performance of 3 & 5 dBi max (frequency dependent). A metal ground plane is required to maximize gain performance. The antenna radome consists of Black or white ABS UV resistant plastic, with a chrome plated mounting base and threaded feed thru. The bottom is outfitted with an "O" ring for complete sealing. Mounting hardware is provided.

The RMM-UMB is a broadband antenna capable of simultaneous operation on worldwide bands from 750 MHz up to 2.7 GHz, with excellent response. It is housed in the same rugged radome style as the RM3 dual band, and also provides gain up to 5 dBi.

All antennas are outfitted with 1 foot (30 cm) of RG-58 cable & TNC male connector as standard. Jumper cables for completing the installation can be supplied separately, low loss RF-195 is available. Alternatively, a longer integral cable can be supplied upon request.

Model Number

Model	Description
RM3-900/1900	Dual Band US Cell & US GPRS/PCS
RM3-925/1800	Dual Band EU GSM & DCS-1800
RMM-UMB	BroadBand US Cellular & EU GSM
DM2-1800	Single band EU DCS-1800
DM2-1900	Single band PCS/GPRS white dome
RM-MK	Pole/wall mount for RM3/RMM

Antennas are supplied with standard 1 foot (304 mm) cable, but can also be outfitted with other lengths. All models are available in white or black radome.

Specifications

Frequency:		RM3/RMM Size:	1.75" diameter x 3" high (45mm x 76 mm)
US Cell/PCS	824-894 & 1850-1990 MHz	DM2 Size:	2.9" diameter x 1.5" high (74 mm x 38 mm)
EU GSM/DCS	870-960 & 1710-1880 MHz	Mounting Stud:	5/8" (16 mm) diameter feed thru
Broadband	750 - 2700 MHz	RM3/RMM:	3/4" long thread for 1/2" metal (19 mm long for 12.7 mm metal)
Peak Gain:		DM2:	3/4" long threads for 1/2" metal (19 mm long for 12.7 mm metal)
RM3 Series	3 dBi @900 MHz 5 dBi @1900 MHz	Hardware:	Nut/ lockwasher included
RMM	3 dBi @750-1250 MHz 5 dBi @1650-2700 MHz	Pigtail Cable:	RG-58, 1 foot (304 mm)
DM2 Series	2 dBi	Pigtail Connector:	TNC male, use jumpers for longer installation or request longer lengths at time of order
VSWR:	2:1 max over range	Option:	Pole/wall mount for RM3/RMM
Operating Temp:	-40° to +85° C		
Nominal Impedance:	50 ohms		
Maximum Power:	10 watts		
Case Material:	ABS plastic, UV Resistant		