RM-WB1
RM-WB1-DN

5G SUB-6 RUGGED SURFACE MOUNT 600-6000 MHZ SERIES

MGRM Mag-mount

RM Series - DN

RM Series

- Covers all Cellular & 5G LTE Frequencies worldwide, from 617 MHz - 6000 MHz

- Rugged and attractive ASA radome, available in thru-hole or mag-mount

- CBRS (Citizen Band Radio Service) at 3.55-3.7 GHz and Band 71 at 617-698 MHz

PRODUCT OVERVIEW

Mobile Mark's RM-WB1 Wideband antenna covers the entire 5G Sub-6 frequency band from 600-6000 MHz. The "6-2-6" antenna solutions make it possible to connect to any of the current or planned cellular frequency bands that reside at or below 6 GHz.

This antenna contains a single element covering 617-960 & 1710-6000 MHz. This includes the new Band 71 at 617-698 MHz, CBRS at 3550-3700 MHz and LAA at 5-6 GHz. The RM-WB1 can also be used for NB-IoT and LTE-M applications where the specific frequency band may vary from project to project.

The antenna measures 3.1" (79cm) tall by 1.7" (43cm) in diameter. It provides 3 dBi gain and can handle up to 10 watts of power. The RM-WB1 can be used for fixed site installation or for mobile installations.

The RM mounts to a 5/8" (16mm) diameter hole and is available with either a cable pigtail termination or a Direct "N" connector termination. The same electrical and mechanical specs apply to both configurations.

The antenna is also available as a mag-mount with the model number MGRM-WB1.

RM-WB1 SERIES SPECIFICATIONS

Part Number	RM-WB1	MGRM-WB1
Frequency	617-960/1700-6000 MHz	617-960/1700-6000 MHz
Gain	3 dBi peak	3 dBi peak
VSWR	2:1	2:1
Radome	ABS Plastic	ABS Plastic
Max Power	10 Watts	10 Watts
Impedance	50 Ohm	50 Ohm
Dimensions	1.75" diameter x 3" high (45 mm x 76 mm)	1.7" diameter x 3 5/8" high (43 mm x 92 mm) Mag base dia. 2 5/8" (67mm)
Mounting (standard)	5/8" Dia. (15.8mm) feed thru 1" lg (25.4mm) thread up to 1/4" (6.35cm) thk. metal DN Option: Direct Connect	Magnet Mount
Operating Temp	-40 degrees to +85 degrees C	-40 degrees to +85 degrees C
Cable	LL-195	LL-195
Connector	Standard Option: SMA Plug DN Option: Direct "N" Jack	
Color Options	Black or White	Black or White