



## 700 MHz Surface, Mag-Mount

- Wideband RM models operate on 700, GSM, AWS, 2.4 WiFi & 2.6 WiMAX
- Surface and mag-mount models handle up to 35 watts
- Window Mount model installs easily to window with 3M tape

The RM-WLF wideband Series are 3 dBi gain broadband antennas. A ground plane is recommended for best performance. These antennas will operate over the entire 694-894 MHz spectrum, along with 1.7-2.7 GHz high frequency spectrum.

The RM-WLF requires a 5/8" hole (16 mm) for mounting and is outfitted with a gasket for weather sealing. The RM-WLF-DN is available with a direct N Female connector.

A magnetic mount version is available in the MGRM-WLF. This model provides all the same performance as the RM-WLF, with a powerful magnet for less permanent installations.

For glass mounting, Mobile Mark's MMF3-WLF antennas provide a no-hole installation. This model has two mounting/transfer plates that attach to the inside/outside. They attach using field proven 3M double sided tape.

The short flexible whip on the MMF is fixed in the vertical position and never needs to be removed.

Model #	Frequency	Description
RM-WLF-1C-BLK-12	694-894 MHz & 1.7-2.7 GHz	Body Mount
RM-WLF-DN-BLK	694-894 MHz & 1.7-2.7 GHz	Direct N Jack (Female)
MGRM-WLF-1C-BLK-120	694-894 MHz & 1.7-2.7 GHz	Mag Mount
MMF3-WLF-1C-BLK-180	694-960 MHz & 1700-2160 MHz	Glass Mount
RM-MK NT-MK		Optional pipe mounting kit Universal wall/pipe mounting kit
<u>Color options</u>		
RM & MGRM		WHT-White or BLK-Black
MMF3		BLK-Black

### Specifications

Frequency:	See above	Case Material:	RM, MGRM: ASA; MM3: ABS
Gain:	3 dBi peak gain	RM Stud Depth:	Mount to 1/2" metal (12.7 mm)
VSWR:	2:1 max over range	Operating Temp:	-40° to +85° C
Nominal Impedance:	50 ohms	Hardware Supplied:	
Maximum Power:		RM Stud Mount	Locknut and gasket
RM & MGRM	35 Watts	MMF Glass Mount	3M tape
MMF	10 watts	Cable:	
Antenna Size/Mount:		RM-WLF-1C	1 ft RG-58 (305 mm)
RM Series	1.75"D x 3"H, 5/8" hole required (45 mm x 76 mm, 16 mm hole)	MGRM Mag	10 ft RG-58 (3 meters)
RM-WLF-DN	1.75"D x 3"H x .63" hole (45 mm x 76 mm, 16 mm hole)	MMF3-WLF	15ft RG-58 (4.5 meters)
MGRM Mag	2.65" base dia. x 3.62" high (67 mm x 92 mm)	Standard Connector:	SMA Plug (Male)
MMF3-700	2" dia. Mount, 3.75"L Whips (51 mm dia, 95 mm)	DN Connector:	Direct N Jack (Female)
		Shock & Vibration:	
		RM & MGRM	EN 61373, IEEE 1478, MIL810G, TIA-329.2-C
		Dust/Water Ingress:	RM:IP67, MGRM:IPx5