



700 MHz Surface, Mag-Mount & Glass Mount

- Rugged construction
- 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 out-fitted 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 MMF3-700 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
<u>Color options available for above models</u> WHT-White or BLK-Black		
MMF3-700-1C-BLK-180	694-960 MHz	Glass Mount
RM-MK		Optional pipe mounting kit
NT-MK		Universal wall/pipe mounting kit

Specifications			
Frequency (RM & MGRM)	694-894 & 1700-2700 MHz	Max Power (RM & MGRM):	35 Watts
Frequency (MMF)	694-960 MHz	Max Power (MMF3):	10 watts
Gain:		Operating Temp:	-40° to +85° C
694-960 MHz	3 dBi peak gain	Case Material:	RM, MGRM: ASA; MM3: ABS
1700-2700 MHz	5 dBi peak gain	RM Stud Depth:	Mount to 1/2" metal (12.7 mm)
VSWR:	2:1 max over range	RM Stud Mount hardware	Locknut and gasket
Nominal Impedance:	50 ohms	MMF Glass Mount attachment	3M tape
Antenna Size/Mount:		Cable:	
RM-WLF-1C	1.75"D x 3"H, 5/8" hole required (45 mm x 76 mm, 16 mm hole)	RM-WLF-1C	1 ft RG-58 (305 mm)
RM-WLF-DN	1.75"D x 3"H x .63" hole (45 mm x 76 mm, 16 mm hole)	MGRM Mag	10 ft RG-58 (3 meters)
MGRM Mag	2.65" base diameter x 3.62" high (67 mm x 92 mm)	MMF3-700	15ft RG-58 (4.5 meters)
MMF3-700	2" dia. Mount, 3.75"L Whips (51 mm dia, 95 mm)	Standard Connector:	SMA Plug (Male)
		DN Connector:	Direct N Jack (Female)
		Shock & Vibration(RM & MGRM):	EN 61373, IEEE 1478, MIL 810G TIA-329.2-C
		Dust/Water Ingress:	RM:IP67, MGRM:IPx5