



RM-WLF Series



MMF3-700 series



MGRM-WLF Series



Direct N Jack (Female)

## 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 VHB tape

The RM-WLF wideband Series antenna is available in black radome (white optional). These 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. With these antennas, you can provide operation on 700, as well as other complimentary technologies such as GSM, WiFi or WiMAX. The RM-WLF require a 5/8" hole (16 mm) for mounting and are outfitted with a gasket for weather sealing. Standard cable supplied is 1 foot of RG-58 (305 mm) and SMA connector standard, other configurations are available. The RM-WLF-DN has been added with a direct N Female connector.

A magnetic mount version is available in MGRM-WLF. This model provides all the same performance as the RM-WLF, with a powerful magnet for less permanent installations. Cable provided standard with MGRM Mag mount is 10 ft of RG-58 with SMA.

For glass mounting, Mobile Mark's MMF3-700 antennas can provide nearly identical 700 band performance as the stud mount antenna. Providing no-hole installation, setup is speedy. This model has two mounting/transfer plates that attach to the inside/outside. They attach using field proven 3M VHB double sided tape. The short flexible whip on the MMF is fixed in vertical position and never needs to be removed, they are car wash proof.

### Model Number

Model	Frequency	Description
MMF3-700	694-960 MHz	Glass Mount
RM-WLF-1C	694-894 MHz & 1.7 - 2.7 GHz	Body Mount (5/8"stud)
RM-WLF-DN	694-894 MHz & 1.7 - 2.7 GHz	Direct N Jack (Female)
MGRM-WLF	694-894 MHz & 1.7 - 2.7 GHz	Mag Mount

Other connector & cable configurations available

### Specifications

<b>Frequency:</b>	See above	<b>Case Material:</b>	RM, MGRM: ASA; MM3: ABS
<b>Gain:</b>	3 dBi peak gain	<b>RM Stud Depth:</b>	Mount to 1/2" metal (12.7 mm)
<b>VSWR:</b>	2:1 max over range	<b>Operating Temp:</b>	-40° to +85° C
<b>Nominal Impedance:</b>	50 ohms	<b>Hardware Supplied:</b>	
<b>Maximum Power:</b>		RM Stud Mount	Locknut and gasket
RM & MGRM	35 Watts	MMF Glass Mount	3M VHB tape
MMF	10 watts	<b>Cable:</b>	
<b>Antenna Size/Mount:</b>		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 4.1" H x .63" hole (45 mm x 104 mm, 16 mm hole)	MMF3-700	15ft RG-58 (4.5 meters)
MGRM Mag	2.65" base diameter x 3.62" high (67 mm x 92 mm)	<b>Connector:</b>	SMA Plug (Male)
MMF3-700	2" dia. Mount, 3.75"L Whips (51 mm dia, 95 mm)	RM-WLF-DN	Direct N Jack (Female)
		<b>Shock &amp; Vibration:</b>	
		RM & MGRM	EN 61373, IEEE 1478, MIL 810G TIA-329.2-C
		<b>Water Ingress:</b>	RM:IPx7, MGRM:IPx5