



RM-WLF Series



MMF3-700 Series



MGRM-WLF Series



Direct N Jack (Female)

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.

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

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:	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)	MMF3-700	15ft RG-58 (4.5 meters)
MGRM Mag	2.65" base diameter 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, MIL 810G TIA-329.2-C
		Dust/Water Ingress:	RM:IP67, MGRM:IPx5