

# RM-WHF

## PRODUCT OVERVIEW

The RM-WHF is a rugged surface mount antenna Ideal for industrial or other heavy duty applications such as remote monitoring from a fixed locations, or data transfer for Mobile Communications from a moving vehicle.

This antenna is ground-plane independent. It can even be mounted on fiberglass or plastic housing and meet specifications. Applications covered include dual-band WiFi at 2.4 & 5 GHz, CBRS 3.5 GHz, Public Safety 4.9 GHz, and Military 4.4 GHz.

Direct "N" Jack and Mag Mount versions of this model are available.

Visit our eStore to customize an Antenna Online.

| Electrical Specifications |                          |
|---------------------------|--------------------------|
| Frequency & Gain          | 1.7 - 6 GHz , 5 dBi Peak |
| VSWR                      | 2:1 max over range       |
| Max Power Rating          | 10 Watts                 |
| Impedance                 | 50 Ohm Nominal           |

| Mechanical Specifications |                                                                                                                                                             |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Radome Material/Color     | White or Black UV inhibitive Pastic                                                                                                                         |
| Cable                     | LL-195, 1ft ( 305 mm )<br>Can be ordered in Longer Cable Lengths                                                                                            |
| Radome Dimension          | 1.69" Dia. x 3.10" Height ( 4.3 cm x 7.9 cm )<br>5/8" ( 1.58 cm ) hole required                                                                             |
| Weight                    | 6.5 oz ( 184 g )                                                                                                                                            |
| Connector                 | SMA Plug ( Male )                                                                                                                                           |
| Mounting Kit Included     | Locknut and Gasket Included.<br>5/8 Dia. (1.58 cm) Feed Thru, 3/4" (1.9cm)<br>1g thread for up to 1/2" (1.27cm) Thick<br>Metal. 5/8" (1.58cm) hole required |
| Shock & Vibration         | EN 61373, IEEE 1478, MIL-810G TIA-329.2-C                                                                                                                   |
| Operating Temperature     | -40° to +85° C                                                                                                                                              |
| Dust & Water Ingress      | IP67                                                                                                                                                        |



## HEAVY DUTY SURFACE MOUNT

R M - W H F - 3 C - B L K - 1 2

Cable/Connector

Color

Cable Length in inches

## HIGHLIGHTS:

- Covers CBRS
- Ground Plane Independent
- High Performance; High Gain
- Made-in-the-USA & UK

## RELATED MODELS:

- RM-WHF-DN  
( Direct "N" Jack Model )
- MGRM-WHF  
( Mag Mount Model )
- NT-MK  
( Universal Wall/Pole Mount Kit )
- RM-WB1  
( 600 - 6000 MHz, Wider Freq. )

## COMMON APPLICATIONS:

- CBRS & Private LTE Networks
- Cabinet Mounted
- Shipyards & Railroads
- Universities & Campuses



US Headquarters +1.847.671.6690  
US/CA Toll Free +1.800.648.2800  
European Facility +44.1543.459555

[www.MobileMark.com](http://www.MobileMark.com)