

# 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.

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	RF-195, 1ft ( 305 mm ) Can be ordered in Longer Cable Lengths
Radome Dimension	1.69" Dia. x 3.10" Height ( 4.3 cm x 7.9 cm ) 5/8" ( 1.58 cm ) hole required
Weight	6.5 oz ( 184 g )
Connector	SMA Plug ( Male )
Mounting Kit Included	Locknut and Gasket Included. 5/8 Dia. (1.58 cm) Feed Thru, 3/4" (1.9cm) 1g thread for up to 1/2" (1.27cm) Thick 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
IP Rating	IP69K (Surface Mount) When Properly Mounted IP67 (Mag Mount) When Properly Mounted



## HEAVY DUTY SURFACE MOUNT

RM - WHF - 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



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