

# Cut Chart

## Whip Cut Length

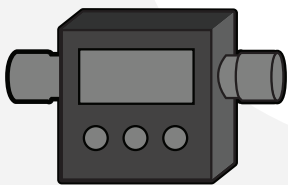
FREQ. (MHz)	LENGTH (mm)	LENGTH (in)
132	500	19.7
136	475	18.7
140	465	18.3
144	455	17.9
148	445	17.5
152	425	16.7
156	415	16.3
160	400	15.7
164	385	15.2
174	365	14.4
200	300	11.8
210	285	11.2
220	270	10.6
230	255	10
240	235	9.3
250	225	8.9
260	215	8.5
400	125	4.9
425	115	4.5
475	85	3.3
500	75	3
525	65	2.6

Frequency: 132~525 MHz / GP Antenna  
 Gain: 2.1dBi / NMO Type  
 Max Power: 200 Watts

### FOR OPTIMUM PERFORMANCE:

- (1) The WB-1/4W-HD should be mounted at the highest point possible, in the center of a metal surface (Ground Plane) with no obstructions.
- (2) Use the cut chart above to determine the approximate whip length required for your operating frequency, AND, tune with an SWR meter.

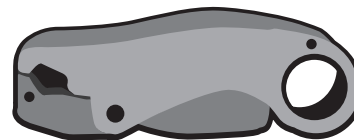
### RECOMMENDED ACCESSORIES:



#SWR-METER-KIT  
(sold separately)



#CRIMP-TOOL  
(sold separately)



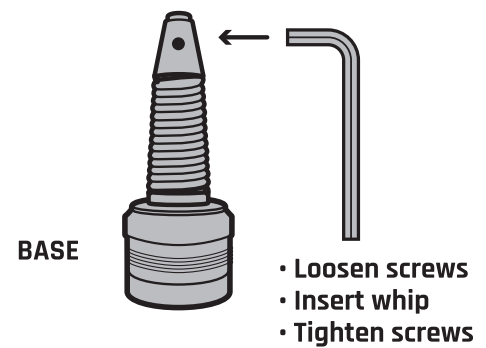
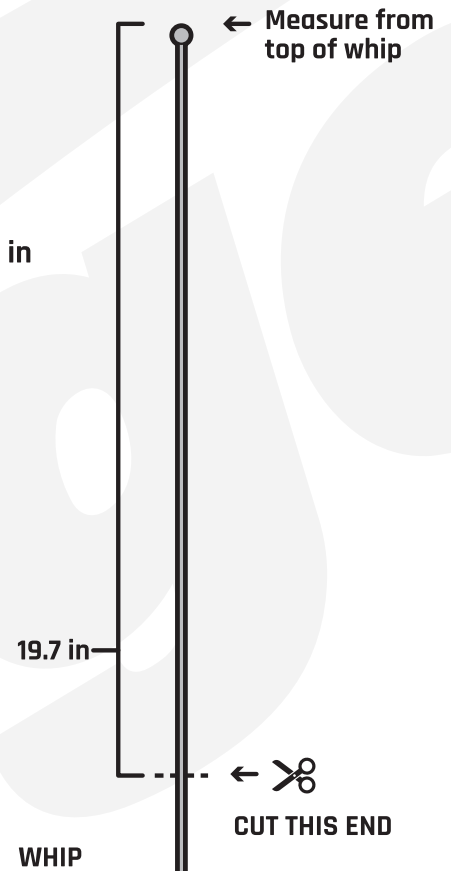
#STRIP-TOOL  
(sold separately)



#VHF-1/2-WHIP  
(sold separately)

### Example

FREQ. 132  
 LENGTH 19.7 in



# Mounting Location

## For Maximum Range

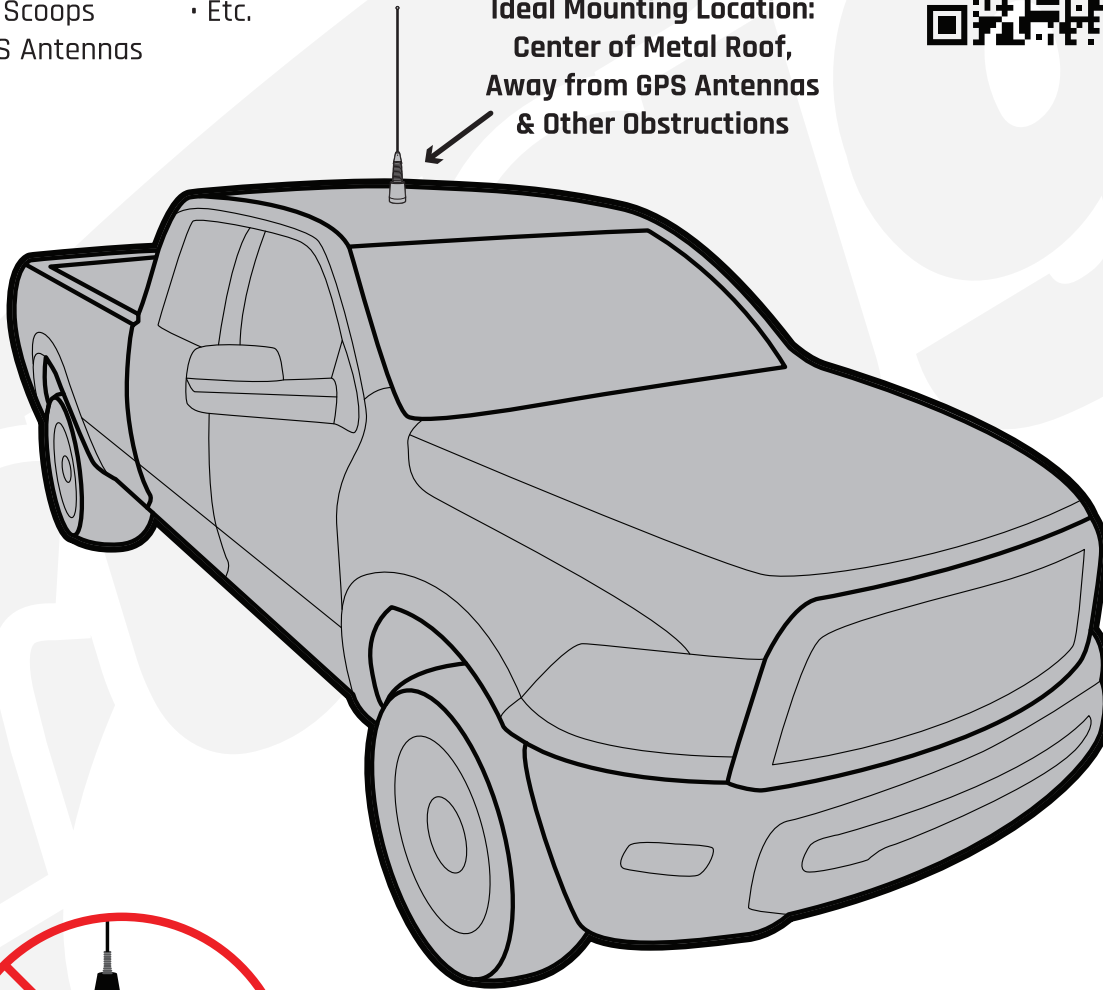
Mount your antenna as high as possible in the center of a metal roof.

## Obstructions Block Your Signal

Do not mount your antenna near:

- Light Bars
- Air Scoops
- GPS Antennas
- Racks
- Etc.

**Ideal Mounting Location:**  
Center of Metal Roof,  
Away from GPS Antennas  
& Other Obstructions



For more helpful tips, check out our Tech Install Guide



**NO**

## NEVER COIL OR BUNDLE EXCESS ANTENNA CABLE

If cable is too long, have it shortened by a qualified technician or route it so excess length is used up.