

Data Sheet

This VHF antenna is pre-tuned at the factory. It provides excellent performance in a wide variety of conditions and does not require tuning in most applications.

SPECS:

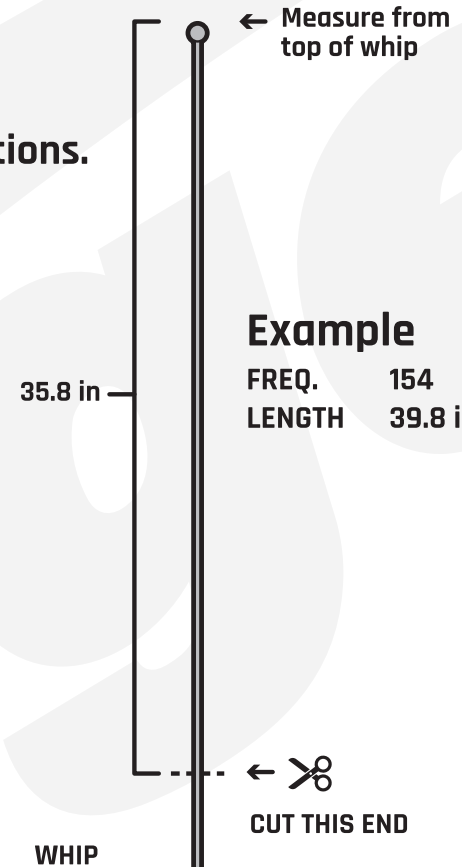
Freq:	136-174 MHz
Pre-Tuned to:	154 MHz*
Gain:	2.4dBi
Mount Type:	NMO
Max Power:	200 Watts
Whip Length (@154MHz)	39.8"
Whip Material	Stainless Steel
Non-Ground Plane	

If a center frequency other than 154MHz is desired, use the guide below to determine the approximate whip length. Note that this chart is a guide-only. Antenna tuning should always be performed with an SWR Meter (PN: SWR-METER-KIT). If tuning to a frequency lower than 154MHz, a longer whip may be required.

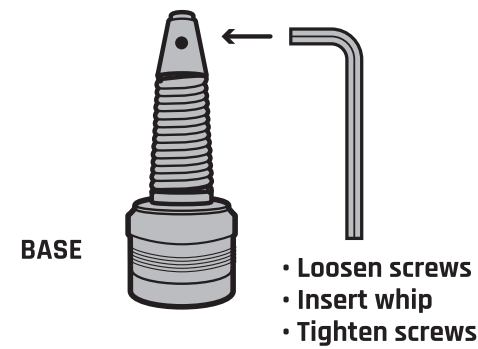
Whip Length Guide

FREQ. (MHz)	LENGTH (mm)	LENGTH (in)
142	1010	39.75
154	910	35.8
158	870	34.25
164	790	31.1

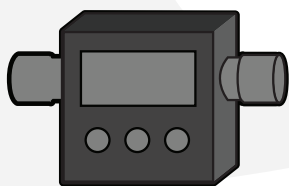
Although this antenna does not require a ground plane (such as a metal roof), mounting it on a ground plane will always result in the best performance. See mounting recommendations on page 2.



Example
 FREQ. 154
 LENGTH 39.8 in



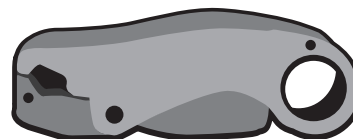
RECOMMENDED ACCESSORIES:



#SWR-METER-KIT
(sold separately)



#CRIMP-TOOL
(sold separately)



#STRIP-TOOL
(sold separately)



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

Mounting Location

Ideal placement for maximum radio range:

- as high as possible
- in the center of a metal roof

For more helpful tips, check out our Tech Install Guide

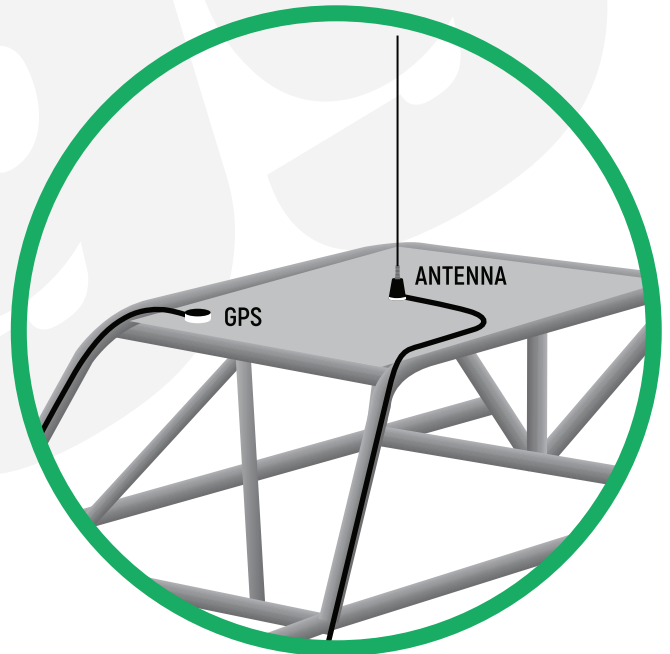


Obstructions block your signal!

- light bars, racks, air scoops, GPS antennas, .etc.



NO



YES



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.