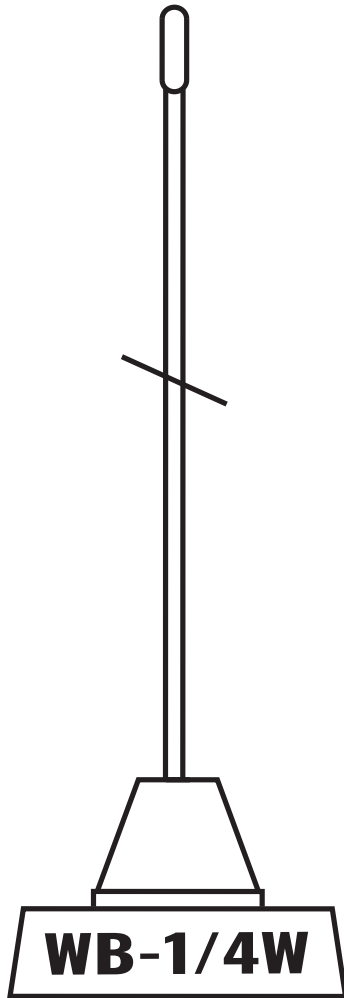




ANTENNA GUIDE

This guide is intended to provide information and instructions regarding antenna installation and antenna tuning.

Most antennas are pre-tuned (cut to length) to perform at a specified frequency range. If the length of your antenna does not match the frequency range you need as shown below, a new whip may be required. Refer to the charts below to cut your antenna. Always cut longer than you need to allow for fine tuning.



F (MHz)	Length
118	24-11/16"
122	24-1/16"
126	23-5/16"
130	22-9/16"
134	21-7/8"
138	21-7/16"
142	20-9/16"
146	20"
150	19-7/16"
154	18-3/4"
158	18-7/16"
162	17-15/16"
166	17-9/16"
170	17-1/16"
174	16-11/16"
200	14-5/8"
210	13-7/8"
220	13-1/8"
230	12-5/16"
240	12-1/16"
250	11-1/2"
260	10-15/16"
270	10-1/4"
280	10-1/16"
290	9-1/2"

F (MHz)	Length
300	9-3/8"
310	9-1/16"
320	8-15/16"
330	8-3/4"
340	8-1/4"
350	8-1/8"
360	7-15/16"
370	7-11/16"
380	7-1/2"
390	7-5/16"
400	7-1/8"
410	6-15/16"
420	6-3/4"
430	6-9/16"
440	6-5/16"
450	6-1/8"
460	6-1/16"
470	5-15/16"
480	5-3/4"
490	5-9/16"
500	5-1/2"
510	5-5/16"
520	5-1/8"