

CUTTING CHARTS FOR: A1812,A1817,A1822& A1842 NO GROUND PLANE ANTENNAS

For the following frequencies the rod should be cut to the appropriate length:

For VHF: the cut length will provide 1.5:1 VSWR for at least 2 MHz above and below center.

For 220 VHF: the cut length will provide 1.5:1 VSWR for 4 MHz above and below center.

For UHF: the cut length provides overlap in band coverages at 1.5:1 VSWR.

Center Frequencies

A1812

FREQ (MHz)	CUT WHIP
144	49"
146	48"
148	45"
150	43.5"
152	42"
154	41"
156	40"
158	39"
160	38"
162	37"
164	36"
166	35"
168	34"
170	33"
172	32.5"
174	32"

A1817

FREQ (MHz)	CUT WHIP
160	49"
165	47"
170	43"
175	40"
180	38"
185	35"
190	33"
195	30"
200	29"
205	28"
210	27"
215	26"
220	25"
225	24"

A1822

FREQ (MHz)	CUT WHIP
200	30"
205	29"
210	28"
215	26"
218	25.25"
222	24.5"
225	24"

A1842

FREQ (MHz)	CUT WHIP
406-425	11"
425-440	10"
435-450	9.75"
440-455	9.5"
450-470	9"
460-485	8.5"
470-495	8"
495-512	7.5"