

ANTENNA WHIP CUTTING GUIDE

Low Band: Quarter Wave Whip (for hinge and lug)													
Frequency (MHz)	68	69	70	71	72	73	74	75	76	77	78	79	80
Whip Length mm	1090	1052	1022	997	976	954	940	916	898	882	867	854	844

High Band: Quarter Wave Whip (for hinge and lug)									
Frequency: (MHz)	140	144	148	152	156	160	164	168	172
Whip Length mm	457	442	424	411	397	382	370	357	347

Band 111: Quarter Wave Whip (for hinge and lug)													
Frequency (MHz)	176	180	184	188	192	196	200	204	208	212	216	220	224
Whip Length mm	337	332	324	318	312	307	302	299	295	291	287	283	281

2MO: VHF Open Coil Base Loaded											
Frequency (MHz)	180	175	170	165	106	155	150	145	140	135	130
Whip Length mm	900	930	970	1030	1080	1140	1180	1240	1280	1330	1370

HBE: VHF Enclosed Coil Base Loaded													
Frequency (MHz)	178	176	174	172	170	168	166	164	162	160	158	154	150
Whip Length mm	970	980	990	1010	1020	1030	1040	1060	1070	1080	1090	1120	1140

VHF2: VHF Enclosed Centre Load													
Frequency (MHz)	200	195	190	185	180	175	170	165	160	155	150	145	140
Upper Whip mm	164	178	185	189	195	200	204	219	224	232	242	250	270
Lower Whip mm	102	115	121	127	132	138	140	153	160	168	178	188	200

UHF3: UHF Centre Load											
Frequency (MHz)	420	425	430	435	440	445	450	455	460	465	470
Upper Whip mm	422	415	407	396	390	384	375	368	360	355	346
Lower Whip mm	193	192	183	172	170	166	161	158	155	152	150

Cutting lengths given are a guide only, relative to proper ground plane area.