

**Sniffer Sleuth Built-in Antenna Table**

Optimum element lengths for the Sleuth's built-in-dipole antenna are listed in the table below.

Frequency	Length of Each Element:	
	inch	cm
108.625	26 1/4	66.7
109.275	26 1/8	66.3
113.775	25	63.6
115.275	24 3/4	62.8
120	23 3/4	60.3
121	23 1/2	59.8
122	23 3/8	59.3
123	23 1/8	58.9
124	23	58.4
125	22 3/4	57.9
126	22 5/8	57.5
127	22 1/2	57.0
128	22 1/4	56.6
129	22 1/8	56.1
130	21 7/8	55.7
131	21 3/4	55.3
132	21 5/8	54.8
133	21 3/8	54.4
134	21 1/4	54.0
135	21 1/8	53.6
136	21	53.2
137	20 3/4	52.8
138	20 5/8	52.5

Frequency	Length of Each Element:	
	inch	cm
139	20 1/2	52.1
140	20 3/8	51.7
141	20 1/4	51.3
142	20 1/8	51.0
143	19 7/8	50.6
144	19 3/4	50.3
145	19 5/8	49.9
146	19 1/2	49.6
147	19 3/8	49.3
148	19 1/4	48.9
149	19 1/8	48.6
150	19	48.3
151	18 7/8	47.9
152	18 3/4	47.6
153	18 5/8	47.3
154	18 1/2	47.0
155	18 3/8	46.7
156	18 1/4	46.4
157	18 1/8	46.1
158	18	45.8
159	17 7/8	45.5
160	17 3/4	45.3

Element length is from the top center of the Sleuth to the tip of the antenna element.