

Antenna tuning by varying the feeder length

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Reference: <http://www.w5dpx.com/notuner.htm>

Antenna: 2 x 65 feet

Feeder: ladder line 450 ohms, length: approx. 90 feet (min.) MY LENGTH: 82 feet

Frequency, kHz	Switches On	Feeder + Extender length in feet	
1820-1875	./.	82	
3530	1+2+4+8+16	113	
3680	1+2+16	101	
3724	16	98	
3770	1+4+8	95	
			OBS
5280	1+2+4+8+16	120	inclusive 7 feet extra ladder line
5310	2+4+8+16	119	do
5350	1+4+8+16	118	do
5370	4+8+16	117	do
5430	1+2+8+16	116	do
5450	2+8+16	115	do
7050	1+2	85	
7180	1	83	
10125	1+2+4	89	
10150	2+4	88	
14060	1+2+16	101	
14290	2+16	100	
14350	16	98	
18130	2+4	88	20 W return
21000	4	86	
21240	3	85	
21350	2	84	
24960	1	83	
28000	4+8	94	
28270	1+2+8	93	
28470	2+8	92	
28740	1+8	91	
28990	8	90	
29210	1+2+4	89	
29400	2+4	88	
29630	1+4	87	

Conversion table	
Feet, English	m
1	0,305
7	2,13
65	19,81
90	27,43