

Frequency (MHz)	Wavelength (Meters)	Wavelength (Feet)	1/2 Wave Dipole Length (Feet)	Single Dipole Leg (Feet)	Single Dipole Leg (Feet/Inches)	NVIS Height .1 to .25 Wavelength (Feet)	DX/NVIS Compromise Height (Feet)	.25 Wavelength Height (Feet)	.60 Wavelength Height (Feet)	.75 Wavelength Height (Feet)
1.8025	166.36	545.81	259.64	129.82	129' 10"	54'-136'	91.2	136.5	327.5	409.4
1.9000	157.83	517.80	246.32	123.16	123' 2"	51'-129'	86.5	129.5	310.7	388.4
3.5025	85.62	280.89	133.62	66.81	66' 10"	28'-70'	46.9	70.2	168.5	210.7
3.6000	83.30	273.28	130.00	65.00	65' 0"	27'-68'	45.6	68.3	164.0	205.0
3.7000	81.05	265.90	126.49	63.24	63' 3"	26'-66'	44.4	66.5	159.5	199.4
3.8000	78.91	258.90	123.16	61.58	61' 7"	25'-64'	43.2	64.7	155.3	194.2
3.9000	76.89	252.26	120.00	60.00	60' 0"	25'-63'	42.1	63.1	151.4	189.2
5.3570	55.98	183.65	87.36	43.68	43' 8"	18'-45'	30.7	45.9	110.2	137.7
7.0250	42.69	140.05	66.62	33.31	33' 4"	14'-35'	23.4	35.0	84.0	105.0
7.1000	42.24	138.57	65.92	32.96	32' 11"	13'-34'	23.1	34.6	83.1	103.9
7.2000	41.65	136.64	65.00	32.50	32' 6"	13'-34'	22.8	34.2	82.0	102.5
10.1250	29.62	97.17	46.22	23.11	23' 1"	9'-24'	16.2	24.3	58.3	72.9
14.0250	21.38	70.15	33.37	16.68	16' 8"	7'-17'	11.7	17.5	42.1	52.6
14.1000	21.27	69.77	33.19	16.60	16' 7"	6'-17'	11.7	17.4	41.9	52.3
14.2000	21.12	69.28	32.96	16.48	16' 6"	6'-17'	11.6	17.3	41.6	52.0
14.3000	20.97	68.80	32.73	16.36	16' 4"	6'-17'	11.5	17.2	41.3	51.6
18.0750	16.59	54.43	25.89	12.95	12' 11"	5'-13'	9.1	13.6	32.7	40.8
18.1250	16.54	54.28	25.82	12.91	12' 11"	5'-13'	9.1	13.6	32.6	40.7
21.0250	14.26	46.79	22.26	11.13	11' 2"	4'-11'	7.8	11.7	28.1	35.1
21.2250	14.13	46.35	22.05	11.02	11' 0"	4'-11'	7.7	11.6	27.8	34.8
21.3350	14.06	46.11	21.94	10.97	10' 12"	4'-11'	7.7	11.5	27.7	34.6
24.9000	12.04	39.51	18.80	9.40	9' 5"	3'-9'	6.6	9.9	23.7	29.6
24.9600	12.01	39.42	18.75	9.38	9' 5"	3'-9'	6.6	9.9	23.6	29.6
28.0250	10.70	35.11	16.70	8.35	8' 4"	3'-8'	5.9	8.8	21.1	26.3
28.3250	10.59	34.73	16.52	8.26	8' 3"	3'-8'	5.8	8.7	20.8	26.1
28.4250	10.55	34.61	16.46	8.23	8' 3"	3'-8'	5.8	8.7	20.8	26.0
29.0000	10.34	33.92	16.14	8.07	8' 1"	3'-8'	5.7	8.5	20.4	25.4
29.5000	10.17	33.35	15.86	7.93	7' 11"	3'-8'	5.6	8.3	20.0	25.0
50.1000	5.99	19.64	9.34	4.67	4' 8"	1'-4'	3.3	4.9	11.8	14.7
50.2000	5.97	19.60	9.32	4.66	4' 8"	1'-4'	3.3	4.9	11.8	14.7