

**Antenna and Feedline Lengths (in feet)**  
**Multiply feet by 0.3048 for meters**

Meter Band	Mhz	490	468	3/8 WL	5/8 WL	7/8 WL
		Ant Length	1/8 WL			
160	1.8	272.2	32.5	97.5	162.5	227.5
80	3.5	140.0	16.7	50.1	83.6	117.0
40	7	70.0	8.4	25.1	41.8	58.5
30	10.1	48.5	5.8	17.4	29.0	40.5
20	14	35.0	4.2	12.5	20.9	29.3
17	18.068	27.1	3.2	9.7	16.2	22.7
15	21	23.3	2.8	8.4	13.9	19.5
10	24.89	19.7	2.4	7.1	11.8	16.5
10	28	17.5	2.1	6.3	10.4	14.6

**Note, the constant in C1 (490) allows enough wire to install the insulators**  
**The constant in D1 (468) allows no insulator wire; it's for feedline calculations.**  
**Length dimensions are in Feet**

**Lengths to avoid (in feet): 32, 65, 96, 130, 260**

**Avoid feedline lengths that are odd multiples of ¼ wavelength on any band that will b**  
**Avoid feedline lengths that are multiples of ½ wavelength on any band.**

re used.