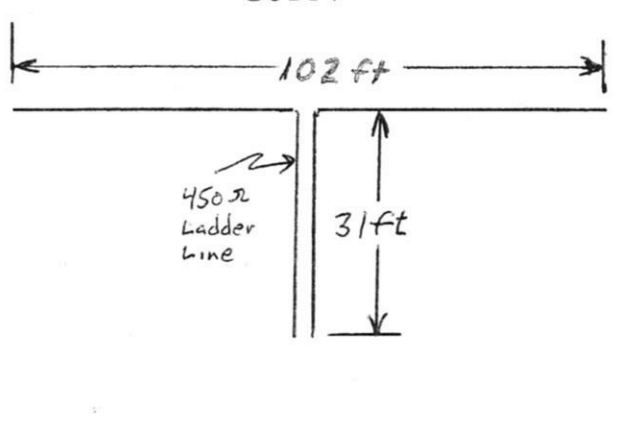
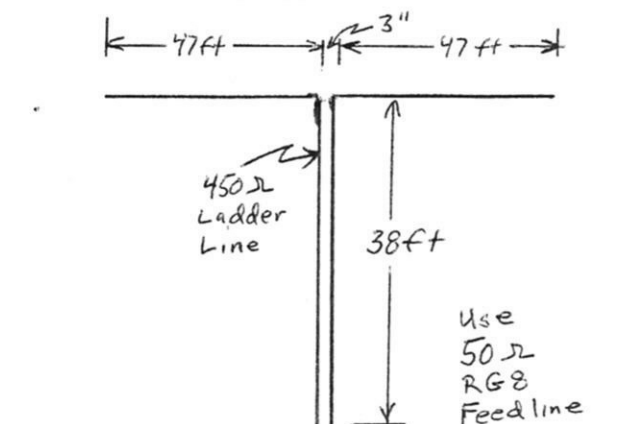
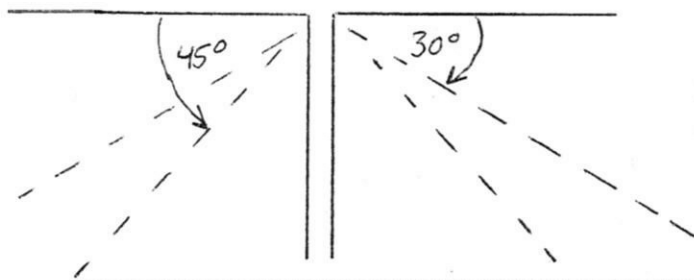


## Multi-band Wire Dipoles

G5RV			W4WB No-Tuner		
					
BAND	Frequency	SWR	SWR	Frequency	2:1 SWR
40	7.15	2.6	1.2	7.06	6.900 - 7.245
20	14.1	1.6	1.2	14.16	14.018 - 14.300
17	18.1	3.2	1.4	18.04	17.80 - 18.30
12	24.9	2.0	1.5	24.84	24.685 - 25.016
10	28.8	3.0	1.3	28.87	28.560 - 28.870

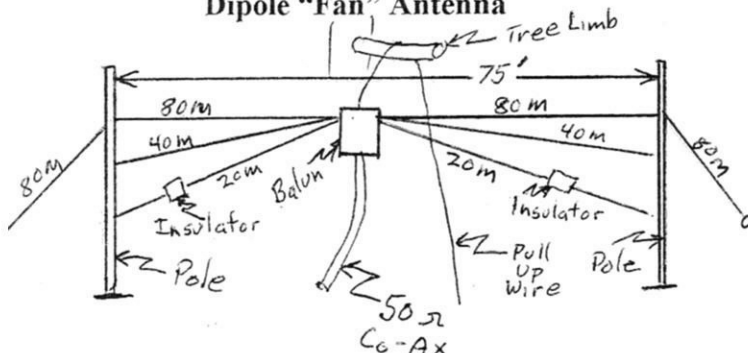
## Inverted "V" Dipole Configuration



From "Cebix.com" comments

- 1) Inverted "V" Gain is down
- 2) Take Off Angle is very high
- 3) 30 degree is not too bad though
- 4) 45 degree angle is very poor

## Dipole "Fan" Antenna



As used by N2CCR Charlie

Uses # 14 electric wire (Black Vinyl)  
Has a 4:1 Balun with 50 ohm feed  
Need to tune each wire due to interaction effects  
The ends of the highest band are bent 90 degrees  
Center is held up with wire over a tree limb