

G5RV Multi Band by 9M2ZAK

A SIMPLE MULTIBAND ANTENNA



Use this formula...

$$L \text{ (ft)} = 492(n-.05) / f(\text{MHz}) = 492 (2.95) / 14.151 = 102.57 \text{ feet}$$

for example,

V.F = .95 for 450 Ω ladder line

$$L = (492 \times V.F) / f(\text{MHz})$$

$$L = (492 \times .95) / 14.50 \text{ MHz}$$

$$L = 33.03 \text{ feet}$$

Note: n = the number of half wave len

n = 3 half wave lengths

$$n = 3/2 \lambda$$



Dimensions for all G5RV Antennas

- Bands : 1.8-28 MHz, 3.5-28 MHz, 7.0-28 MHz
 - Flat-top 204 ft 102 ft 51 ft
 - MATCHING LINES
 - Open wire : 67.3 ft, 34 ft, 17 ft
 - Ladder line: 62.4 ft, 31.5 ft 21.2 ft
 - "TV" twin lead 56.9 ft, 28.5 ft, 14.4 ft



