



Each half of the antenna consists of 3 conductors labeled 1,2, & 3. Each conductor is #14 stranded insulated wire available from Lowes. Cost is about \$25 for a 500 foot spool.

Conductor 1 – 65 feet (75 Meter Band)

Conductor 2 – 35 feet (40 Meter Band)

Conductor 3 - 17 feet (20 Meter band)

- Remember – you have to cut two runs of each conductor, one for each half of the antenna.
- Each conductor is spaced 4 inches from the other
- Measurements given are a starting point, each conductor must be pruned to the desired operating frequency depending on how it will be installed.
- This antenna may be installed as a conventional horizontal Dipole or as an “Inverted Vee”. If the antenna is installed as a “Vee”, then the elements will end up being 10% – 15% shorter than in a Dipole configuration.
- In the “Vee” configuration, try and get the Center point up at least 20 to 40 feet. The higher the center point, the less horizontal space it will take up!

W2AU Balun 1/1  
50 Ohm

Want to build for other bands?  
Here is the starting length for each leg:

60 Meter Band – 45 feet  
30 Meter Band – 24 feet  
17 Meter Band – 14 feet  
15 Meter Band - 12 feet  
12 Meter Band – 10 feet  
10 Meter Band - 9 feet

Coax

Either RG-8 or RG-58 may be used.

Radio

Three Band Inverted Vee for  
Permanent or Field Use

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