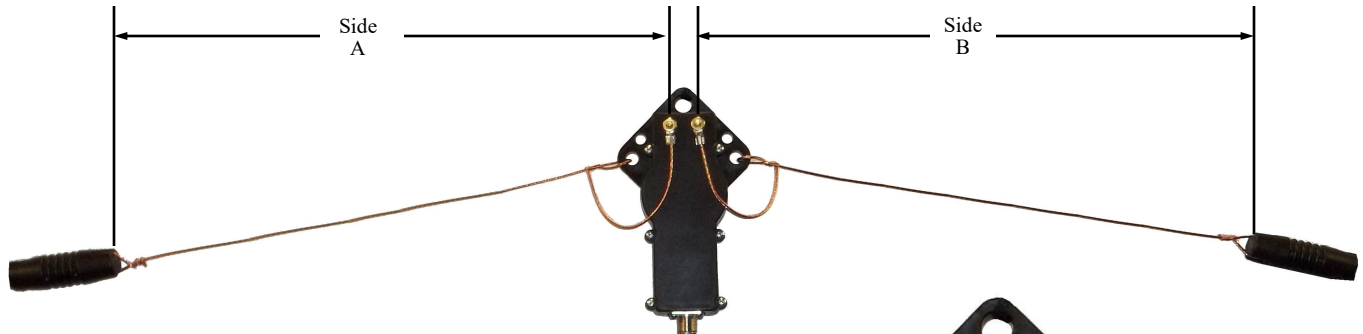




100 Hancock Ave  
Hamilton, Ohio 45011

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800-524-4889

## Instructions for JTBAL11B/G/W



### Basic Instructions

This 1:1 balun may be used for all kinds of antennas. The dimensions below are for a  $\frac{1}{2}$  wave dipole for the ham bands just to get you started. These are starting dimensions. Size of wire, environment, etc can change the length of wire needed. It is always best to cut your wire a little long. Then when tuning just fold the wire back on itself so you can lengthen it later.

Dipoles may be installed in an inverted V, Flat top, or V shape. Each will have different radiation patterns.



Frequency (Mhz)	Side A (ft)	Side B (ft)	Total length (ft)
3.75	62.4	62.4	124.8
5.36	43.7	43.7	87.4
7.15	32.7	32.7	65.4
10.125	23.1	23.1	46.2
14.175	16.5	16.5	33
18.1	12.9	12.9	25.8
21.225	11	11	22
24.9	9.4	9.4	18.8
29.0	8	8	16

### Specifications:

Max power: 2000 watts  
Connector: SO239  
Transformer Type  
Ratio 1:1  
3.5-30 Mhz

### Safety Instructions:

Do not install on a rainy or windy day.  
Do not install near power lines.  
Do not install by yourself, always have someone else near by to help.  
If antenna comes in contact with electric lines, do not try to remove. Call your electric company immediately.  
If you do not have experience at installing antennas, seek the help of a professional.

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