

## The Tiny 2

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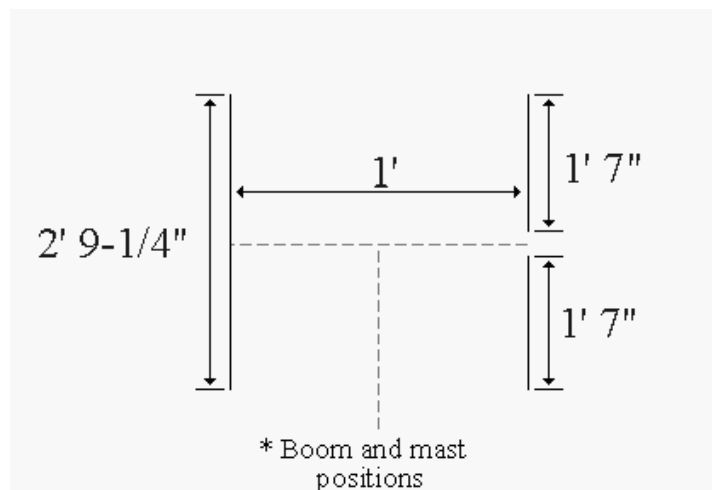


The "Tiny 2" is a great little 2 meter beam. It has some really interesting properties and it is a fantastic *first time* antenna project for the beginner.

What's so great about it? Well, first of all, there are only 2 elements. This makes the construction quick and easy. Next is the size. It's *tiny*, hence the name. A mere one foot spacing produces a whopping 4 dBd gain! What else? How about the fact that it is a direct connect antenna! Just hook your 50 ohm coax cable to it and you are on the air, no matching, no tuning, no hassle!

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- Each element section of the beam is 1" diameter tubing



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### Notes:

1. The boom and mast may be either conductive or non-conductive...
2. Spacing between elements is center to center...
3. The spacing at the driven element (between the two sections of the element) should be small (<3 inches), but should not touch each other.

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### You say you want to build it but you don't have 1" tubing? Try one of these alternative plans:

1. 3/4 " Tubing: Use a director length of 33.75 inches (All other dimensions stay the same)
  2. 1/2 " Tubing: Use a director length of 34.50 inches (All other dimensions stay the same)
  3. 1/4 " Tubing: Use a director length of 35.5 inches and each driven element length should be 19.375 inches (All other dimensions stay the same)
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