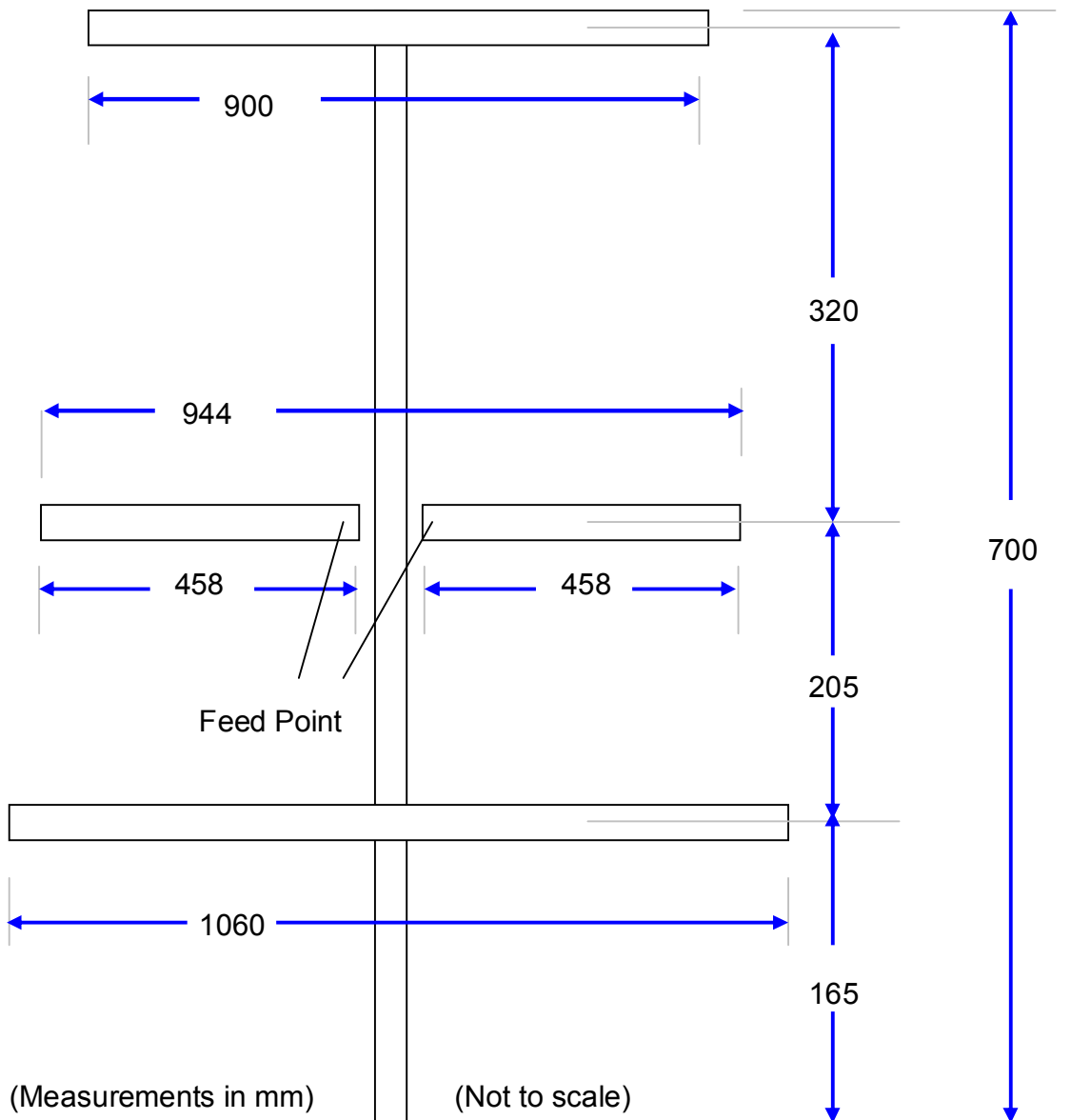


## 2Mtr Fox Hunt, Tape Measure Antenna



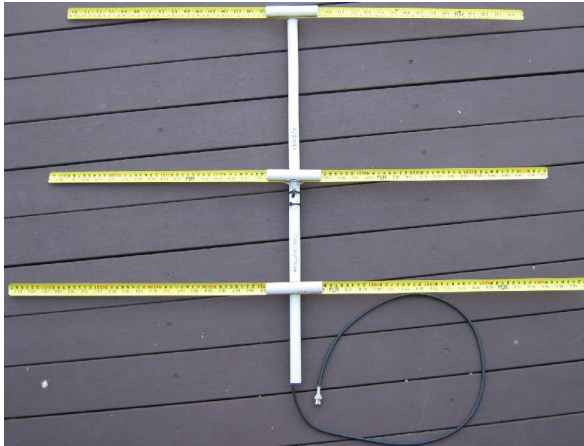
The fox hunt tape measure is made out of 20mm grey electrical conduit, and an old (or new) 1" wide tape measure.

### **Parts Required:**

- 1 meter of 20mm grey plastic conduit
- 3 x 20mm plastic saddles
- 1 x Old tape measure
- 11 small screws
- Solder and 11cm of copper wire for loop
- Coax and plug for HT

This antenna works exceptionally well, including RX/TX on 70cm. I cannot remember where the original article is when I first made it, but I have measured it up again for this leaflet. Have fun. VK4SN.

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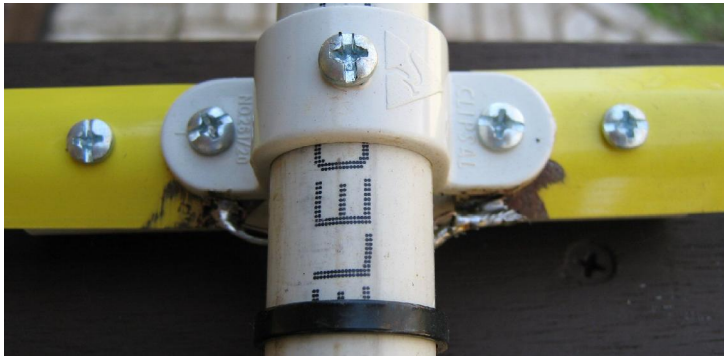
### **The completed antenna.**

Cut 700mm of conduit and three 100mm pieces. The 100mm pieces are used to strengthen the element mounting and hold the saddle screws .

Once the first element is mounted, lay the antenna face down when mounting the rest as this will keep it all aligned.



Connect the radials to the boom as per picture. Pre drill the holes in the tape measure. Use a block of wood behind the element when drilling helps stop the tape from splitting.



### **Driven element mounting.**

A 2<sup>nd</sup> screw is needed on each side to hold the element firm



The loop and coax connections are soldered onto the tape measure elements. Shine the metal before connection.

The loop is 50mm long, made out of 110mm of copper wire. 5mm each side reserved to solder.