

## 1/2-WAVE COLINEAR "EMERGENCY FIELD" 2-METER 146 MHz FM J-POLE

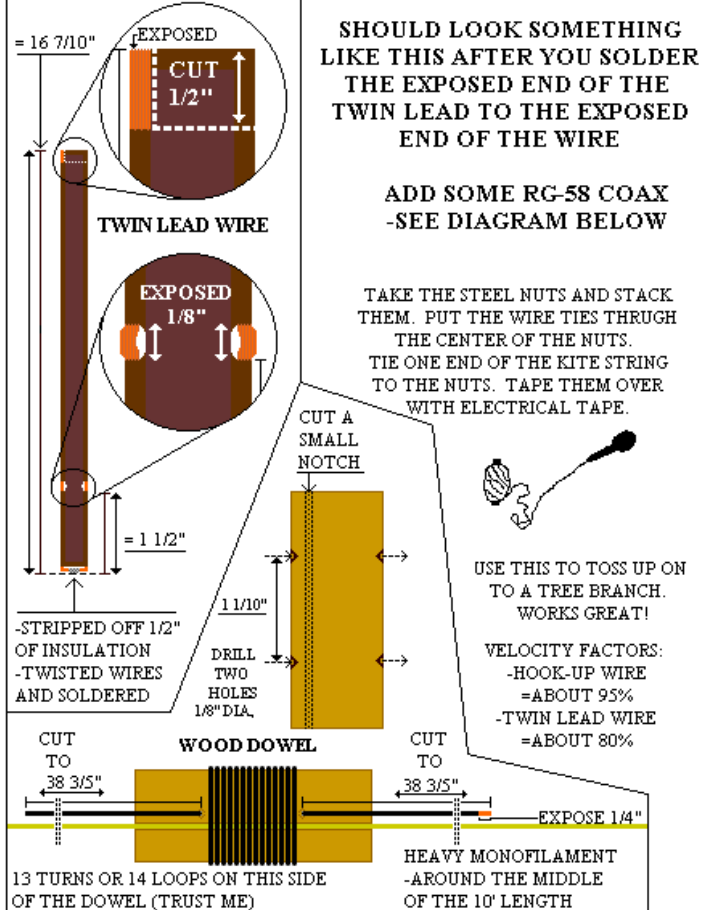
This low power antenna will be coming with me this summer on the motorcycle. I used shrink tubing in place of the electric tape in the diagram.

[Some comments about the FIELD antenna.](#)

### EMERGENCY FIELD ANTENNA: 2 METER OMNIDIRECTIONAL 1/2 WAVE COLINEAR DESIGN

#### PARTS LIST:

-  1/2" WOOD DOWEL  
CUT TO 2"
-  HOOK-UP WIRE  
20 GAUGE SOLID  
INSULATED  
ABOUT 10'
-  TWIN LEAD WIRE  
300ohm  
NOT FOAM TYPE  
ABOUT 20"
-  WEED-WHACKER  
MONOFILAMENT  
ABOUT 10'
-  ELECTRICAL  
TAPE
-  KITE STRING
-  3/4" STEEL NUTS  
ABOUT 3
-  3 WIRE TIES

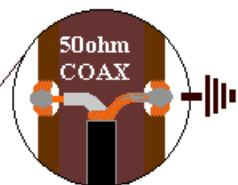


MAKE A LOOP IN EACH  
END OF THE  
MONOFILAMENT

CAREFULLY WRAP  
EVERYTHING  
WITH THE  
ELECTRICAL TAPE  
(TAKE YOUR TIME)

THIS ANTENNA HAS THE  
GAIN OF A SMALL  
BEAM AND COST  
ALMOST NOTHING  
TO MAKE!

GOOD LUCK!



STEVE KB1DIG