

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 OMNDIRECTIONAL 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"

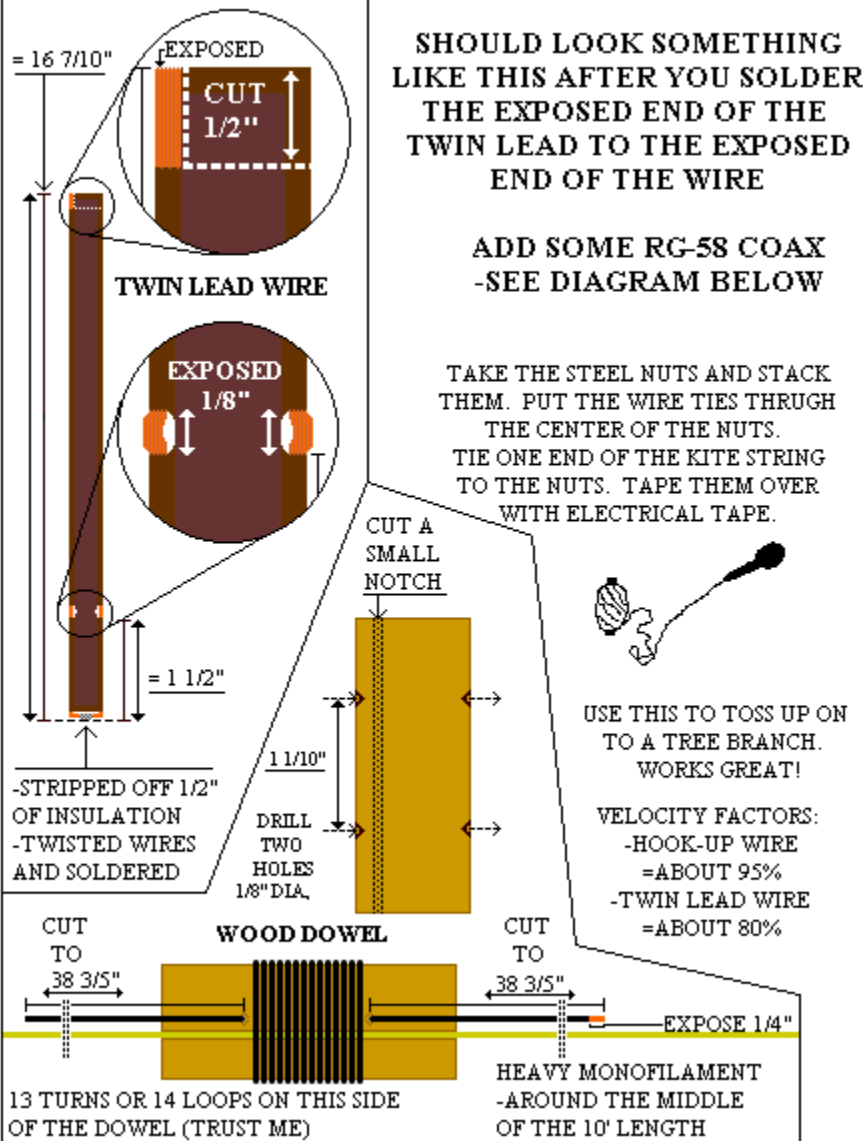
WEED-WHACKER
MONOFILAMENT
ABOUT 10'

ELECTRICAL
TAPE

KITE STRING

3/4" STEEL NUTS
ABOUT 3

3 WIRE TIES

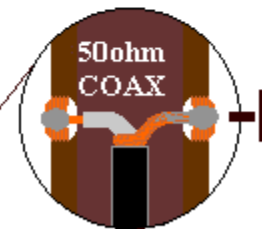


MAKE A LOOP IN EACH END OF THE MONOFILAMENT

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

[Back to the KB1DIG & KB1GTR Hampage](#)