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10m Vertical Dipole

This is a really quick and simple antenna to make! Using a 1:1 pre-made Balun (from RandL), attach an 8.25" wire to each terminal. You just made an antenna! I cut mine a little long (as I always do), expecting to "tune" it later. Toss 1 end in a tree (or mast) and I added a fishing sinker to the lower end for stability (windless day!). One "tip" ... If at all possible, run your coax in a bit of a stand off so that it doesn't act as part of your antenna...

10m Inverted V Dipole (also Horizontal Dipole)

Material: (1) FT240-43 Toroid, SO239, (2 pairs wire 32" long, 12 wraps) for Balun, (2) 9' antenna wires,

Multi-Band EFRW antenna

I first wrapped a 9:1 Unun (directions courtesy of TheSmokinape) ... then "created" my own mounting / demonstration board (using a variety of examples as ideas, then throwing mine together to see how it would work. You'll notice it's also easy to "disassemble" and redo parts as need, or to make a different antenna using the 9:1 Unun. To save **a lot of time**, I've put my "board" together... all I need to do is cut my antenna wire to 65' (schedule D from chart should work (tuner required on some / all bands?) On... 80-40-30-20-17-15-12-10. I may take this antenna to my next POTA or simply out to a local park and see how it works.

Resources:

GearIT 18g AWG /2 Speaker Wire (Amazon 200' for \$20)

FT-240 - 43 Ferrite Toroid (Amazon for \$12.29 ea)

various: bolts, nuts, circle end electrical wire connectors, tie wraps, etc. (Lowe's)

SO-239, 1:1 or 9:1 premade Balun or Unun (RandL)

"Project Boards" for antenna builds (4-Tree ... cutting boards for \$1.25)

YouTube of course is a primary source of ideas!

WebSites:

udel.edu

ham universe.com

toroids.info

kf7p.com

maras.org

contesting.com

parksontheair.com

pota.app