

SkyWaves Basic BCB Loop Antenna

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This is a simple loop antenna that will improve the performance of almost any radio. Construction is quite simple, the wire is simply woven onto the plywood. About 135 feet of wire is used. Be sure every turn of each coil is wound in the same direction. **Draw some arrows to remind yourself.** The antenna is intended to be mounted in a vertical orientation, and should be rotated to achieve best reception. The mounting arrangement is left to the builder.

SAW KERF
5 PLACES

DRILL 1/4" DIA.
6 PLACES

16 TURNS
#22 INSULATED

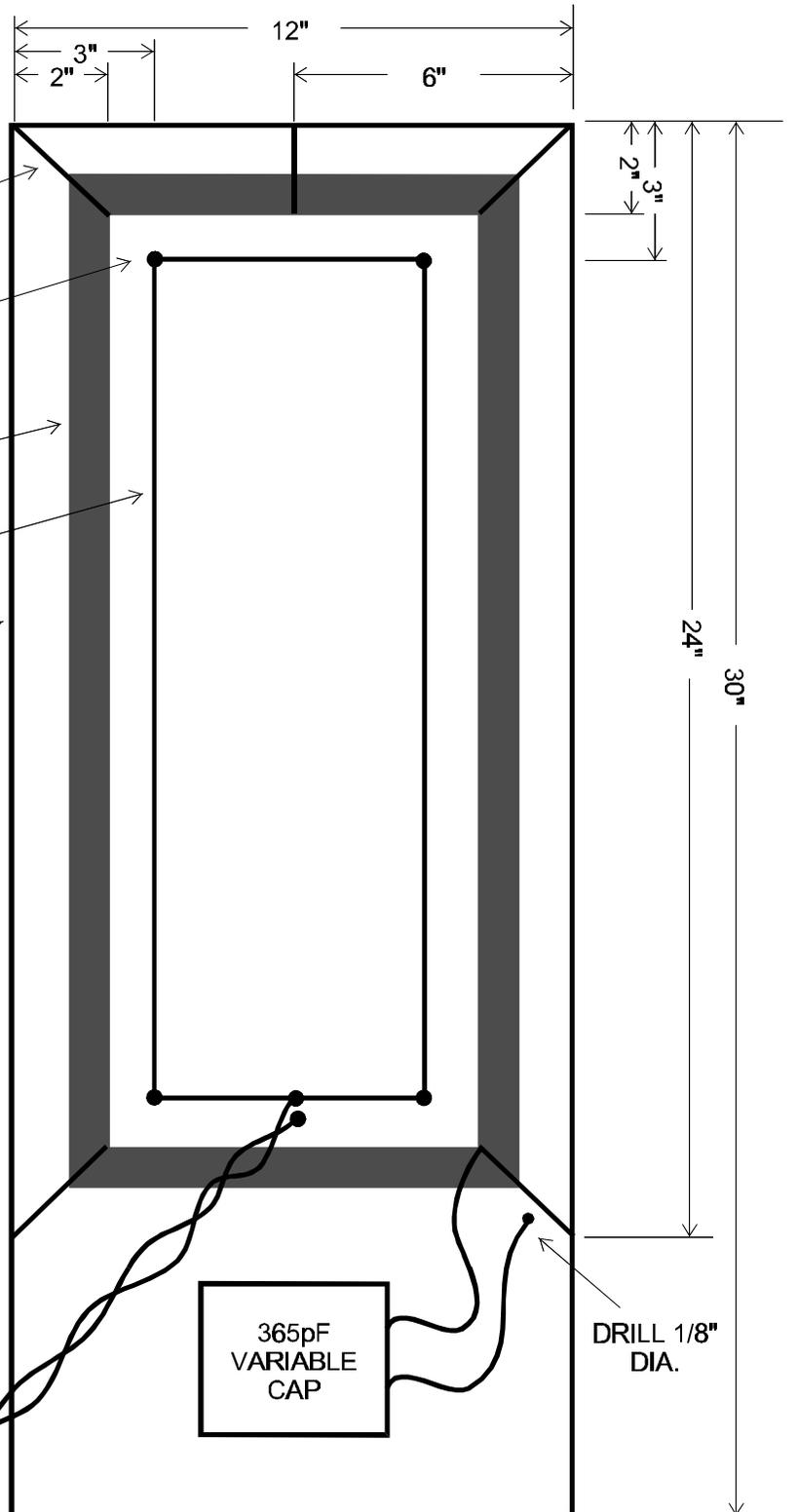
4 TURNS
#22 INSULATED

1/4" PLYWOOD



Insert a short scrap of wire in the kerf after every two turns to achieve proper spacing.

TWISTED PAIR
TO RADIO



365pF
VARIABLE
CAP

DRILL 1/8"
DIA.