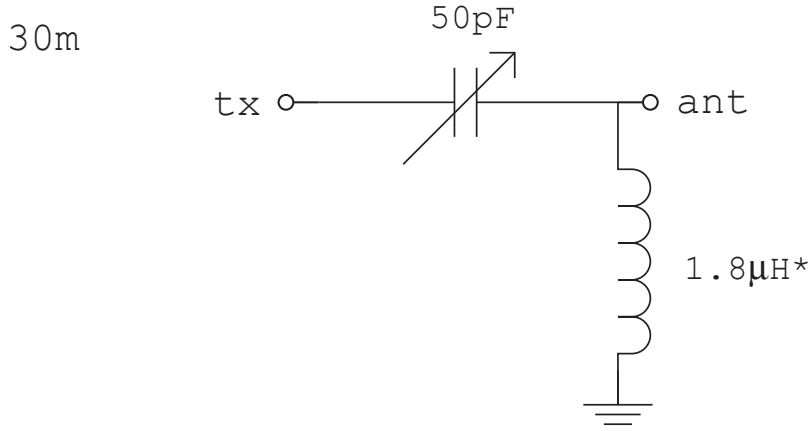


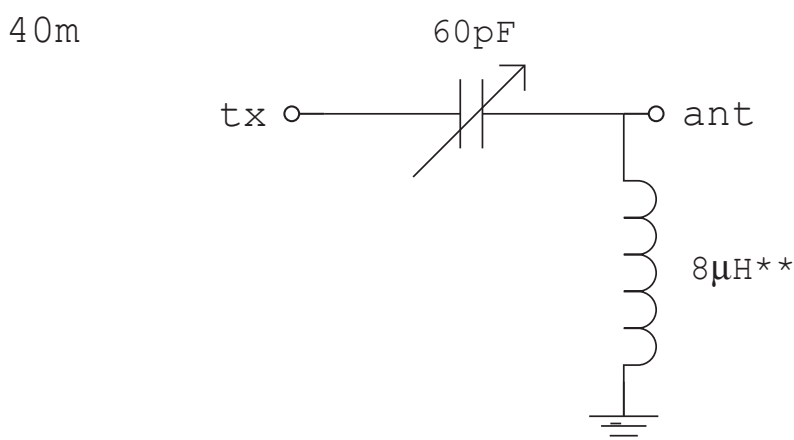
Notes:

These are starting points... you'll need to adjust tap points, stretch/compress airwound coils, and tweak caps for best match, depending on your ground system. I suggest winding all coils a few turns too large to start with.

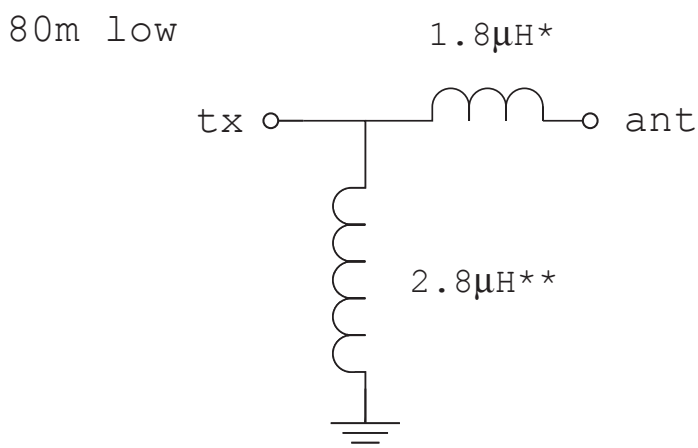
The small coils on the 160m coil would be unnecessary if you build a smaller diameter coil, and/or run tap wires more carefully. One turn shifts the resonant point much more than the 2:1 SWR bandwidth on 160 with this coil. I tried to tap half turns, but it didn't work. I think it's because the connecting wires have enough mutual inductance with the coil to "complete" the turn, so to speak. A smaller diameter coil would still have sufficient Q, but would be easier to tap for overlapping <2:1 SWR chunks on 160m.



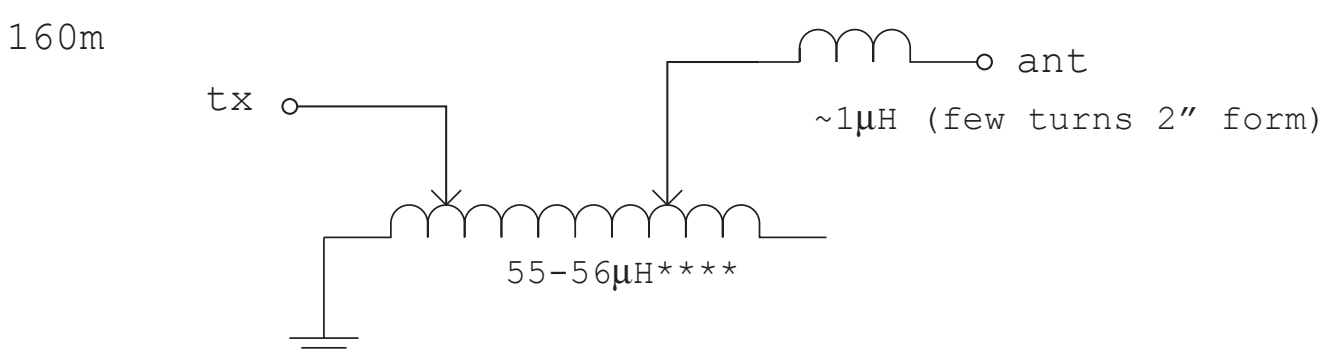
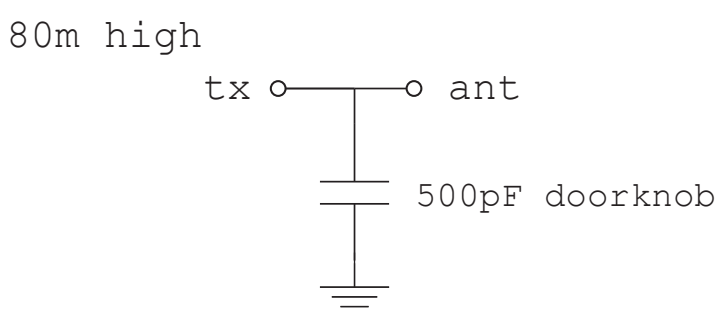
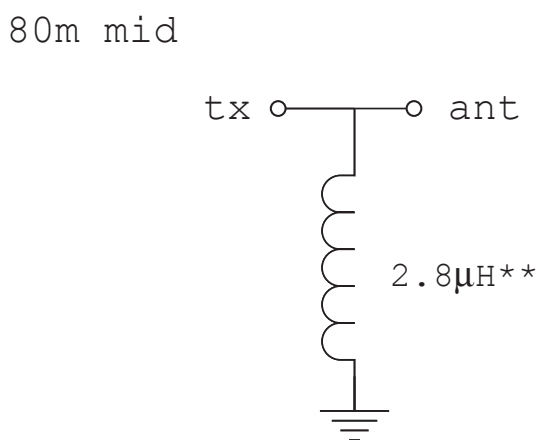
\*7t #10 wire, 2" diameter form, 2" long



\*\*10t #10 wire, 4TPI, 3.5" diameter form, 2.5" long



\*7t #10 wire, 2" diameter form, 2" long (or 4t 3" dia in photo)  
\*\*9t #10 wire, 2" diameter form, 2" long



\*\*\*\*26-30t #10 wire, 6TPI, 4.5" form, ~4.5" long, tap as desired