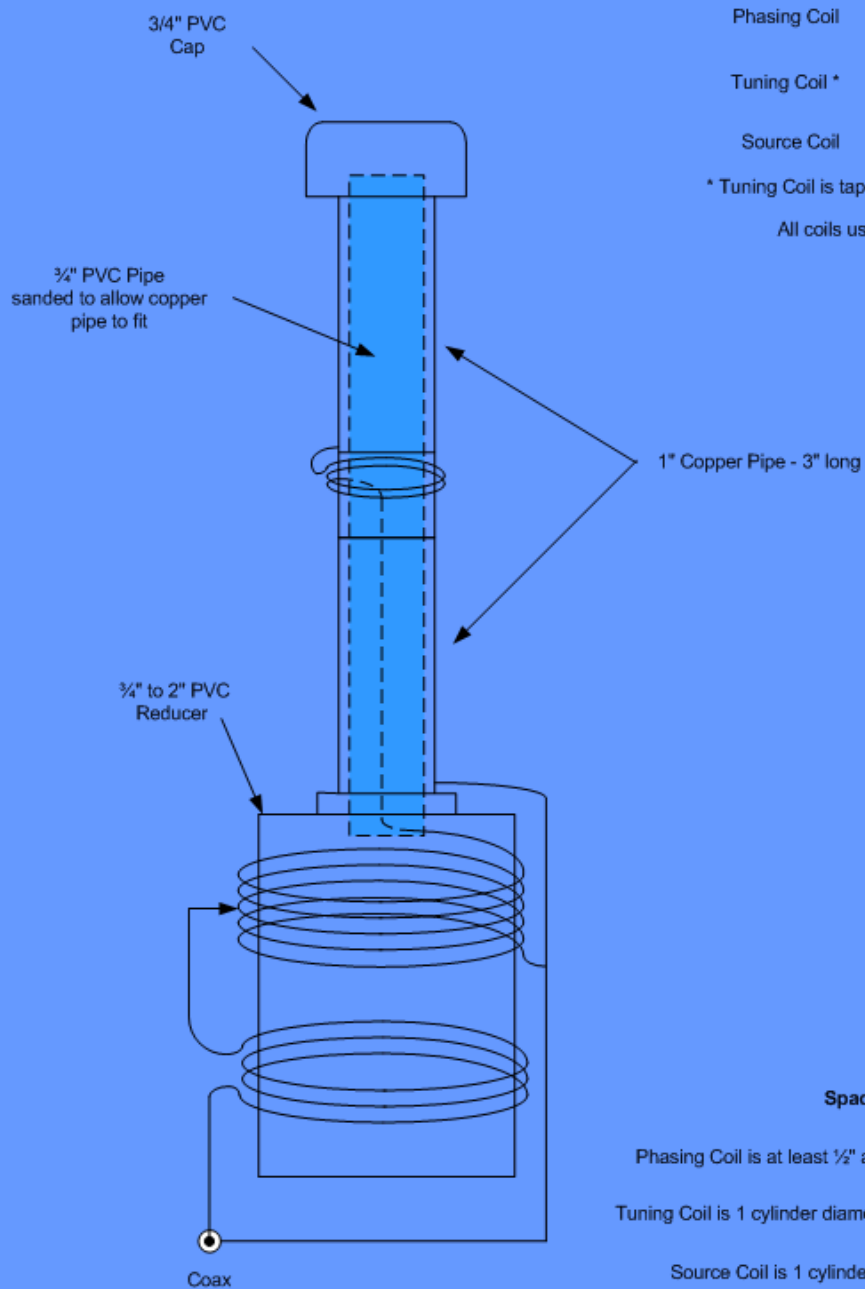


# 20 M - 1 Foot Antenna



I used 1" copper pipe to make my cylinders. They will fit snugly on 3/4" PVC pipe. The PVC pipe will have to be sanded down to allow the copper pipe to fit. I drilled a small hole in the cylinders through the PVC pipe and soldered the wire to the cylinder. I drilled another hole to run the # 14 enamel wire down to the tuning coils.

Wind the coils and tune according to the instructions. See diagram below for details on this antenna. I used the information in Demonstration #4 & #5 to construct this antenna. This antenna is described in Demonstration # 5 from the EH Antenna Web Site.



### Spacing

- Phasing Coil is at least 1/2" above top of bottom cylinder.
- Tuning Coil is 1 cylinder diameter (1") below bottom cylinder.
- Source Coil is 1 cylinder (1") below Tuning Coil.
- Cylinder spacing is 1 cylinder diameter (1").

**Download 20M antenna Drawing:**  
[PDF Download](#)



Phasing Coil

Tuning & Source Coil