

Thank you for purchasing the Wolf River Coil Silver Bullet HV Wire Antenna.

The Silver Bullet HV Wire Antenna was developed as a simple portable wire antenna capable of operating the lower amateur frequency without the need of an antenna tuner. The antenna will resonate 10.2 MHz thru 3.5 MHz. The antenna can be mounted either horizontal or vertical. Depending on the installation a ground counter poise may be necessary. A 4 foot ground rod has proven to work very well for both antenna mounting and counterpoise. A 3/16 hole is required thru the ground rod for direct mounting of the coil ground side and support. Your antenna comes with a Silver Bullet 1.25 coil, 20 feet of antenna wire and antenna insulator.



Simply attached the antenna wire to the top of the coil by removing the 5/8 nut slipping the antenna terminal ring over the 5/8 stud and replacing the 5/8 nut. You can hand tighten for portable operation.

Add the coax braid to the negative side of the antenna coil

(this is the side without any wires connected to the mounting screw), then add the coax center conductor to the coil (this is the side with the coil lead and coupling wire attached). If necessary a ground counterpoise can also be attached to the negative side of the coil.



Lastly attach a support to the antenna insulator to a support that can elevate the antenna (like a tree limb). For attic installation you can attach string or other non-conductive support to mount the coil and wire.



See our website at www.wolfrivercoils.com for mounting ideas.

Once your antenna is mounted and secure simply tune your radio to the desired operation frequency and slide the tuning coupler up and down the coil until maximum noise or signal is heard. An antenna analyzer can aid in finding the lowest SWR for the desired frequency. A SWR of 1.4 or less should be obtainable. Once you find your desired coil setting a marker can be used to mark the coil for the coupler location for easy tuning the next time you use your antenna. Tune the coupler near the top of the coil for 30 and 40 meters, and towards the bottom of the coil for 80 meters. 60 meters is halfway in the middle of the coil. You may need to hold the base of the coil with one hand while sliding the tuning coupler up and down on the coil.

We work hard on providing the best homemade antenna coil possible. If for any reason you have questions or suggestions concerning your tuning coil please contact us at www.wolfrivercoils.com we will be happy to respond. Your comments and suggestions are appreciated. As our customer's base is expanding we are asking if you can please send us a picture and a brief description on how you are using our coils. We would like to add these pictures to our website. Please send us your pictures to wrcoils@hotmail.com.

Power Rating is 100 SSB, 50 CW and 20 Digital.