

December 2006

The December 4SQRP luncheon meeting was held December 16th at Cheddars restaurant in Joplin, Missouri.

Joe Porter brought a homebrew Mini-Whip receiving antenna for show and tell. This antenna was designed by Roelof Bakker, PAØRDT, for reception in the 10 KHz to 20 MHz spectrum. Construction information on this project is available on the web [here](#) (PDF file).

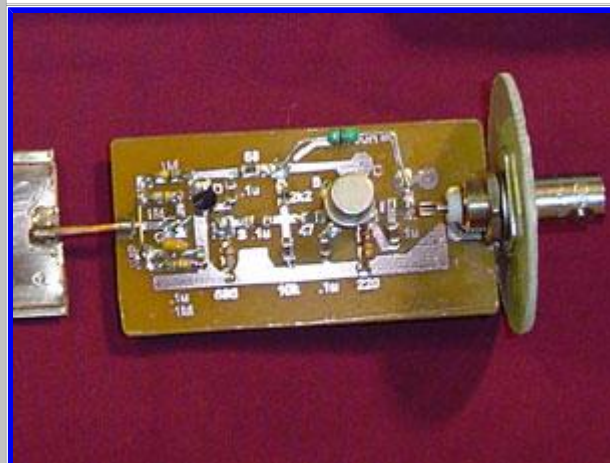
The following photos are "clickable" to view a larger image.



The Mini-Whip consists of a small piece of copper for the antenna and a 2-stage preamplifier. The completed antenna is enclosed in PVC pipe for weather protection.



End view of the antenna. There is a BNC connector mounted on the preamplifier board.



A close up of the preamplifier board. Joe used a combination of SMD and through-hole components.



The power adapter with a BNC connector on the antenna input and a SO239 for the receiver connection.



A close up of the power adapter that sends DC voltage up the coaxial cable to the antenna.

Thanks to Joe, WØMQY for the excellent pictures on this page!

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