

THE 6 METER OMNI HALO

from KB1DIG

April 28th, 2002, By Steve - KB1DIG

Here is a "sneak peek" at a cool 6 meter halo loop made mostly from car parts!

Something a little more advanced. Always fun to try out new bands. This 6 meter halo is made with a true Gamma Section this time and is fashioned from aluminum. Most of the parts are leftovers from old car projects. The 3/8" fuel line I used came from Summit Racing Equipment: #SUM-G2538, and a 25' section costs only about \$20.00.

Some of the mods I came up with were:

Welded the elements to the aluminum plate with some of that "Alumalloy" stuff advertised on television. I drilled a small hole in one of the elements to allow condensation to evaporate.

Capped off the end of the gamma arm with a plug to keep the weather out.

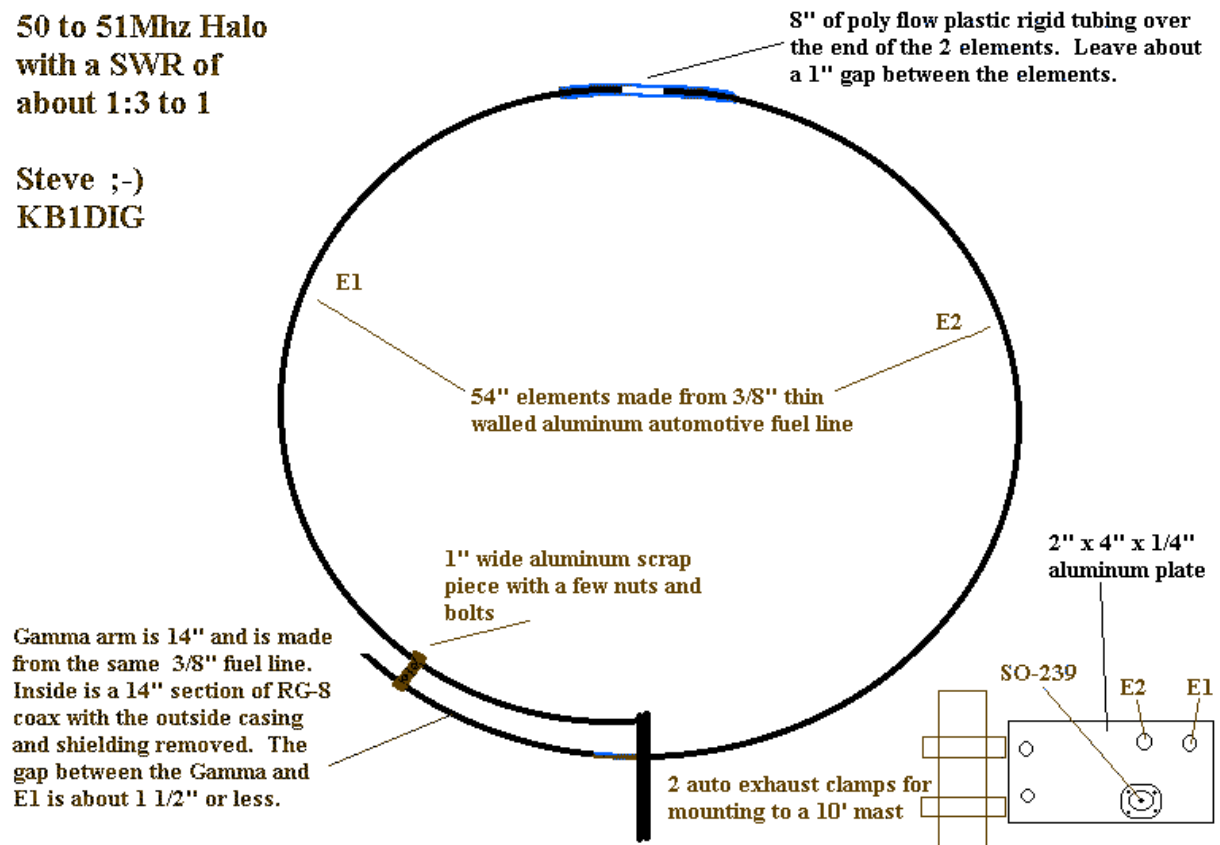
The plug was an automotive type used to block off a PCV line from a carburetor.

After mounting horizontally to a 10' mast I added a support system made from 2 thin 3' fiberglass rods and some wire-ties. Also remember to hot-glue the wire-ties to the fiberglass rod and adjust for lowest swr as usual.

Works slick! CQ CQ DX!!! **See complete construction details at the link below.**

**50 to 51Mhz Halo
with a SWR of
about 1:3 to 1**

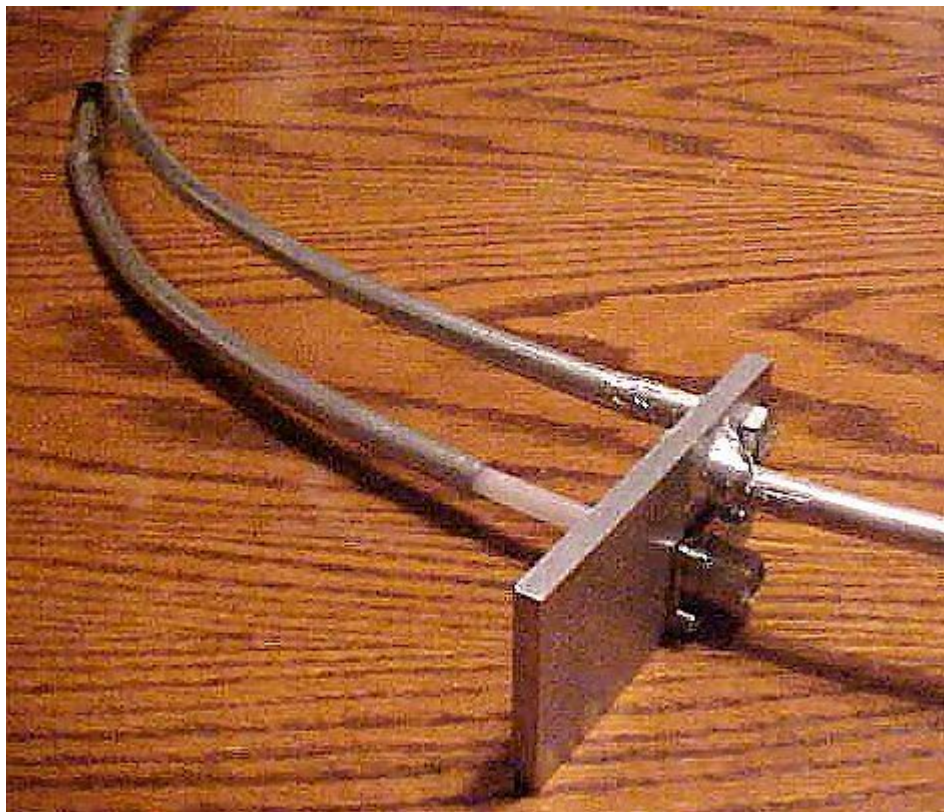
**Steve ;-)
KB1DIG**



Closeup #1 - Notice 1 inch gap top center



Closeup #2 - Shorting strap shown left lower part of picture



Closeup #3 - Showing S0-239 assembly and gamma match

See complete construction details, mods and tips on the [KB1DIG website here!](#)

Many thanks to Steve, KB1DIG for allowing us to share his project with you.

Check out Steves site and get questions answered at the link below

["KB1DIG HAM SITE"](#)

GOOD LUCK AND 73

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