

# THE 6 METER OMNI HALO

from  
**KB1DIG**

April 28th, 2002, By Steve KB1DIG

Something a little more advanced. Always fun to try out new bands. This 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.

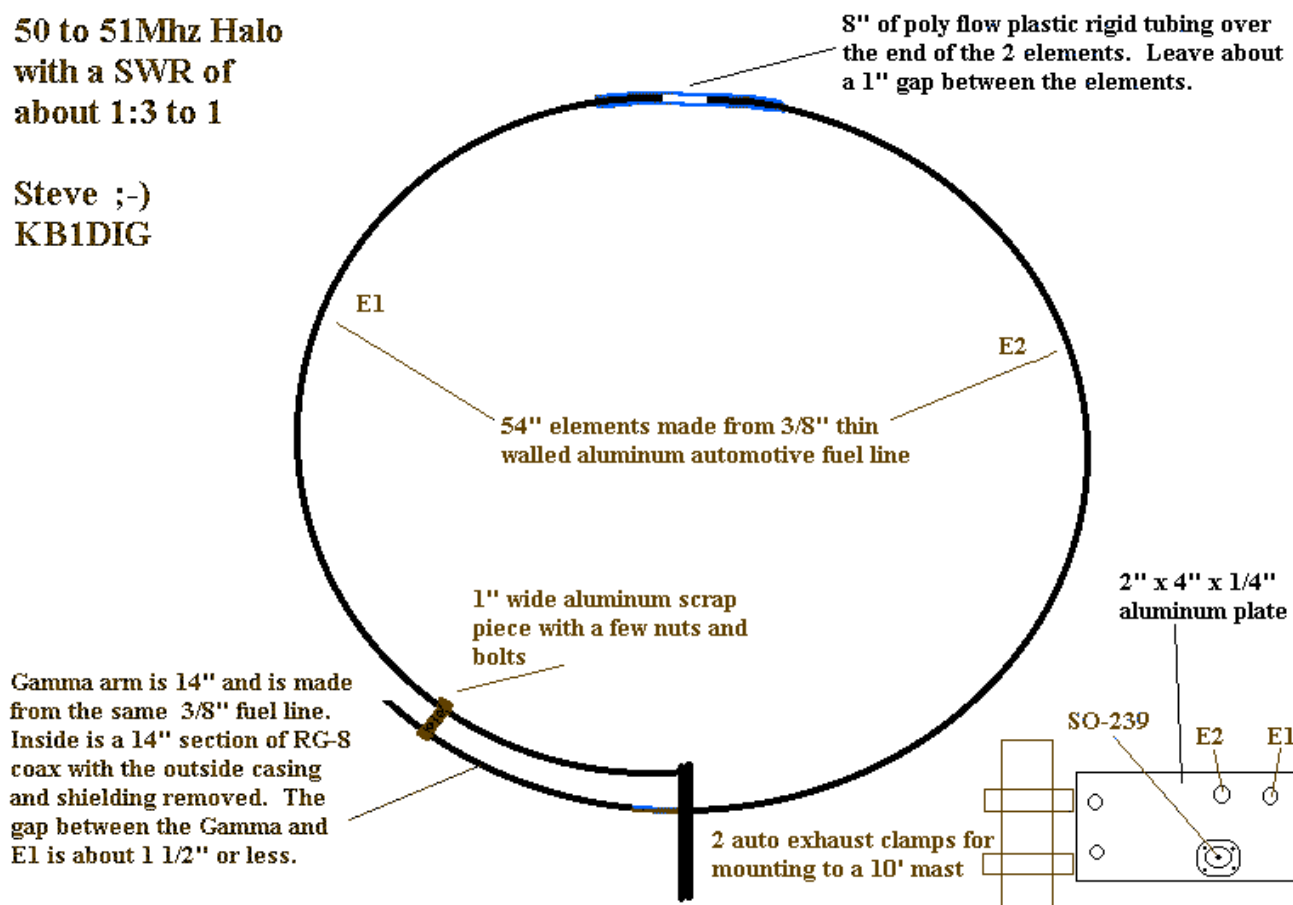
After mounting horizontally to a 10' mast I added a support system made from 2 thin 3' fiberglass rods and some wire-ties.

Also remember to hot-glue the wire-ties to the fiberglass rod and adjust for lowest swr as usual.

Works slick! CQ CQ DX!!!

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

Steve ;-)  
KB1DIG







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"](#)

Congratulations to Kim, Steve's XYL, KB1GTR, ON HER TICKET!

GOOD LUCK AND 73

**N4UJW**