



POOR MANS Slim Jim **for 145 Mhz** **by VU2POP** **Appx gain is 2.5db**

Here is the simplest & cost effective method of homebrewing a Slim Antenna with easily available materials from your local hardware store. Should cost appx Rs 50 or appx \$ 1 Using only min hand tools in your shack.

Measure from Top side of the pipe as you have enough length at the bottom to mount it clear from any metallic mast etc.

Next measure and mark the lengths with a marker pen the outline in Red showing as copper wire

Drill or punch a hole with a sharp tool or use a hot soldering iron

Take 14 SWG copper wire and form it thro the holes and around the PVC pipe.

Solder the Coax Feed point as shown and adjust for best SWR by moving very marginally up and down.

Your Poor mans Slim Jim is ready mount it and have fun.

Enjoy home brewing and Ham Radio
 Best 73 Pop



You can use cable ties OR insulation tape to hold the copper wire alongside the PVC pipe

A few close up pictures to add

