

- **HOW TO GUIDE** -

STEVE'S SUPER USB WIFI ANTENNA 3 PROTECTIVE COVER AND MAST
(cost under \$10)

- 1- 13 ¼ inch x 2 inch PVC (13 ¼ inch over all including bell end) – for cover
 - 1- 24 inch x ¾ inch PVC – for mast
 - 1- 2 inch PVC cap
 - 1- 2 inch to ¾ inch slip/slip reducer
 - 2- 8 inch narrow zip tie
 - 1- 3/16 eye with 2 nuts and 2 flat washers
- Silicon sealant

Step 1 - glue ¾ inch PVC mast to 2 inch to ¾ inch reducer

Step 2 - drill 2 – 3/16 holes approx. 4 – 6 inches below reducer and again about a foot below that.

Step 3 - Slip bell end of 2 inch PVC pipe over the reducer. It can be glued; however, I chose to use screws at 3 points.

Step 4 - Insert mini USB end of coax completely through entire mast and chamber, pulling mini USB well clear of end of 2 inch PVC.

Step 5 - insert zip tie through one hole and out the other (capturing the coax), repeat on lower holes...DO NOT PULL TIGHT YET!!!!

Step 6 - Using “coax seal” tape follow instructions on video, adding a few wraps to further support the USB mini to antenna connection. Set unit aside.

Step 7 - Drill 1/8 inch hole in center of cap

Step 8 - Insert eye bolt assembly

Step 9 - Apply silicon sealer around outside threads of eyebolt, then install flat washer and second nut, tighten.

Step 10 - Place zip tie through eye of antenna and through eye bolt, pulling it snug but not tight.

Step 11 - Carefully lower entire antenna/coax back through 2 inch PVC until cap contacts pipe. Then without twisting push straight down

Step 12 - Gently push up coax about ½ inch into mast, then tighten top zip tie, then the lower zip tie. Unit is now complete and can be mounted in a variety of ways.

Just a note; It is best and easiest if after routing coax through entire tube assembly if you capture the coax and leave zip ties loose (Step 5) before continuing assembly. It takes a little twisting and turning of the assembly to get the zip ties around the coax and out the second hole. The zip ties are a strain relief.

Assembly Guide Illustration

