

Instruction Sheet

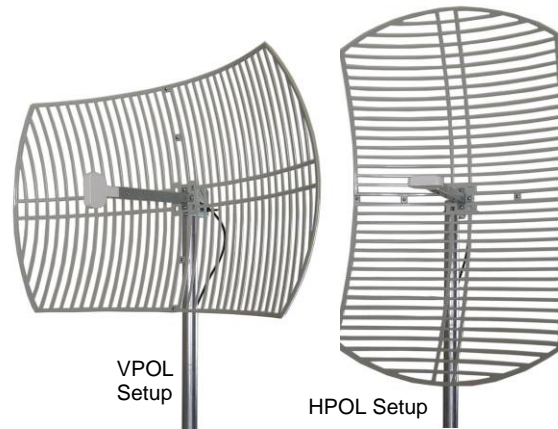
GD and DC HD Grid Dish Parabolic Antenna

900, 2400, 2500, 3500 MHz

WARNING! YOU CAN BE KILLED!
DO NOT INSTALL NEAR POWER LINES!
DO AS MUCH ASSEMBLY AS POSSIBLE ON THE GROUND!

Note: Pictures show the die cast antenna assembly. Wire grid assembly follows the same steps except Step 3 is not needed.

Step 1: Decide if Horizontal Polarity (HPOL) or Vertical Polarity (VPOL) is required. The polarity is changed by rotating the entire dipole feed/antenna assembly on the bracket. When the wires are vertical, the polarity is vertical. When the wires are horizontal then the polarity is horizontal. In all cases the dipole feed should be parallel with the wires.



Step 2: Decide if more uptilt or downtilt will be required. The bracket can be mounted to the die cast or wire grid to provide more uptilt or more downtilt. Typically the standard mounting shown on the right will be able to provide sufficient uptilt and downtilt. If more uptilt is required, turn the bracket 180deg.

Step 3: If assembling the die cast antenna, it is necessary to attach both halves together by interlocking the tabs and using 4 screws and nuts provided.



Step 4: Assemble the extension tube to bracket and the wire or die cast reflector using 4 screws provided. The bracket has tapped holes so no additional nuts are required. It's best to install all 4 screws loosely at first and then tighten after all 4 are started.

Step 5: Insert the dipole feed into the extension tube and line up the hole in the dipole feed with one of the holes in the extension tube. Dipole Feed must be installed parallel with the die cast or wire grid wires. Use the short screw provided to secure the dipole feed in the extension tube. Be sure not to use a longer screw as this could puncture the dipole feed water seal. The black tube plug that is supplied with the dipole feed should be inserted in the back of the extension tube.



Step 6: Attach the completed assembly to a 1" to 2" diameter pole using the 2 Pipe Clamps and 2 U-Bolt provided.

Step 7: Align the antenna and then tighten all U-Bolt nuts.

Step 8: Connect to the coax cable and waterproof the connection. It is suggested to use self amalgamating rubber tape and spiral from bottom to top. Start and end the weatherproofing beyond the shrink tubing that is on the cable so that the connector and shrink tubing are totally covered. Follow this with a wrap of electrical tape, again, spiraling from bottom to top. Secure the coax cable to the pole using tie



2 u-bolts and clamps



Attach extension tube