

# SatNOGS

## SatNOGS Radome v1

A detailed how-to on building v1 of SatNOGS Radome. Designs, bill of materials and Models here:  
<https://github.com/satnogs/satnogs-radome>

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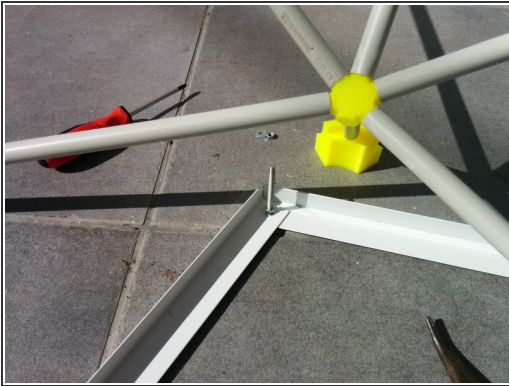


## Step 1 — SatNOGS Radome v1



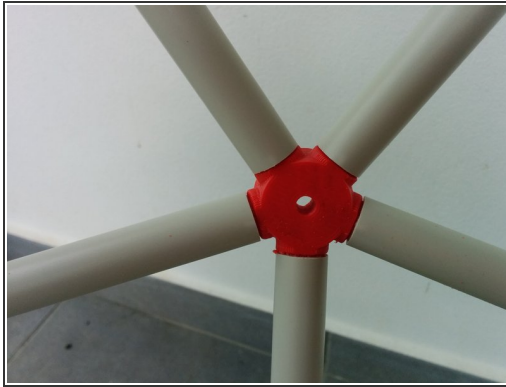
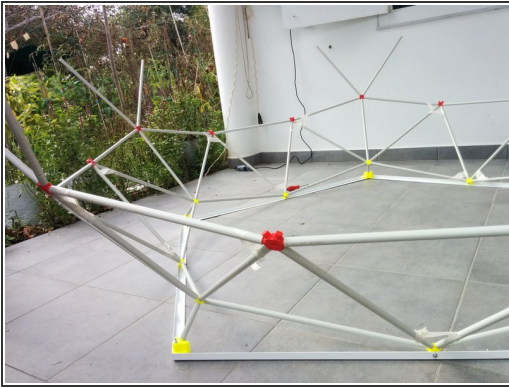
- Gather all materials, 3D printed and pipes.



## Step 2



- Start by assembling the base pentagon.
  - Drill and bolt in place using M6 bolts the L Aluminum channels to form the pentagon.
- Using the Pentagon Base 3D printed part and the small PVC pipes, bolt it in place on a pentagon corner.
- Start the dome on top of the small PVC pipe, using the 3D printed Pentagon Stand 1.



### Step 3



- Work your way upwards to the second and third level.
- Use a, b or c connectors as per design.
-  Consult the drawings for A, B, or C pipe positioning.
-  The connectors have helpful marks for the different kinds of pipes that connect to them. Use them!
- Continue to 3rd level to complete the half dome.

### Step 4



- Now, start building the dome from the top, working your way down.
-  The top structure is a pentagon.
-  Use holding tape if needed for assembly.
- Work your way to next levels, completing the other half of the dome.

## Step 5



- Place the top half on top of the half bottom dome.
- Fasten everything together and apply glue if needed (depending on materials used)

### Work in Progress Guide

- More Steps to follow soon!