

The 2-Meter Slot-Cube Antenna

Refer to the original PDF document for full explanation, description and the picture of the completed antenna to base your work on.

Materials List

- (4) 8 ½ inch long horizontal pipe sections
- (2) 8 inch long horizontal pipe sections
- (2) 6 inch long horizontal pipe sections
- (2) 7 inch long vertical pipe sections
- (2) 3 ¼ inch feed point halves
- (2) ¾ inch long pieces of copper pipe to join tees on the feed to the elbows on the corners
- (10) pipe elbows
- (2) pipe tees
- (1) ½ inch CPVC coupling
- (2) ¼-20 screws x ½ long for feed point connections. Note original design called for 6-32 or 8-32 screws. Either sizes will work depending on what size tap you have on hand.
- (4) ¼-20 x 2 inch screws with nuts and washers for mounting to ¾ PVC pipe (or whatever mast/post material you choose). Note this antenna can be used without a mast so long as it is kept level.

Coaxial cable length at least long enough to form a six-turn coax choke balun after the feed point, then whatever is required for your configuration

PL-258 or PL-259 connector depending on your setup

Heat shrink tubing for connections