

## Summary

Tape measurement yagi. The longest part is 530 mm, easy fit to your backpack. Very easy and fast deploy. Great for SOTA and portable operation. Can be used in horizontal or vertical polarization.

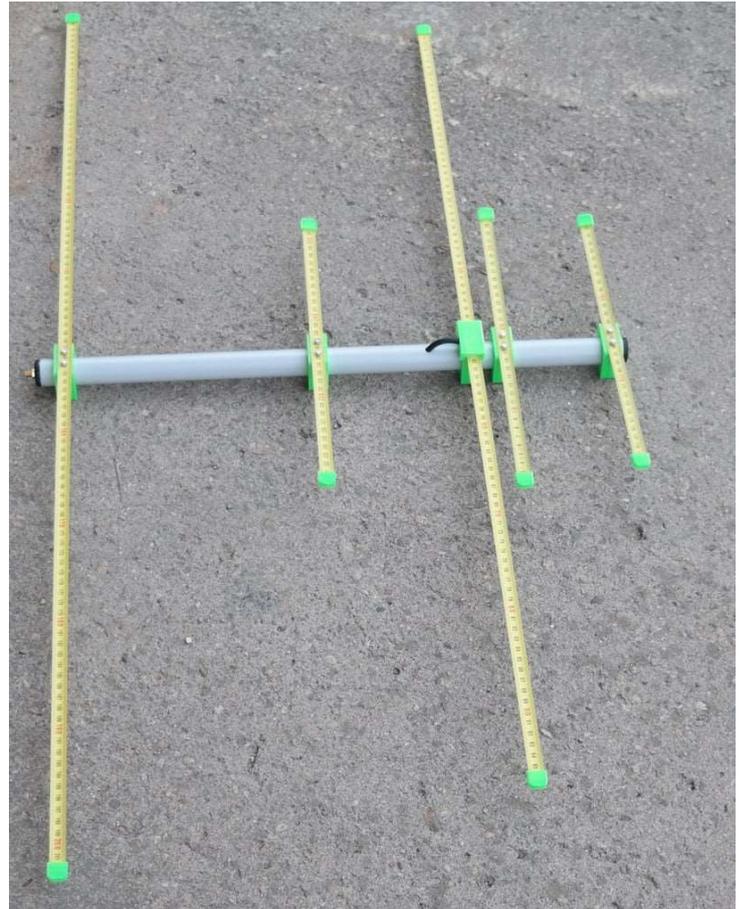
Not good for windy weather.

## Instructions

Easy to print, maybe you need adjust boom diameter.

## Part needed:

- PVC pipe 25 mm diameter 530 mm
- Measurement tape width 12 mm length 3m
- M3 screws 10 mm length
- M3 Nuts
- Coax cable with connector
- Magnets - 8 mm diameter



## Dimensions (based on DK7ZB design):

Director 2 (70cm) length 297 mm position 500 mm

Director 1 (70cm) length 323 mm position 399 mm

Radiator (2m and 70cm) length 939 mm position 370 mm

Reflector (70cm) length 320 mm position 230 mm

Reflector (2m) length 1022 mm position 0 mm

Radiator is divided to 2 parts with 5 mm gap.

Coax is soldered directly to radiator.

Maybe you need little adjust (1 or 2 mm) radiator length get best match on the middle of band.

<https://www.thingiverse.com/thing:846442>

