## 1 Improvements to be made

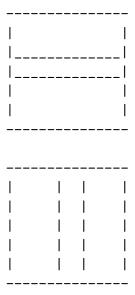
- Fix back reflection triggering a permanent loop using a microcontroller.
- Redesign the repeaters to work in all four directions on the square enabling 90 turns

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In order to produce a DXF autocad schematic we will use FREECAD which is avaliable on the ubuntu repository.

We want to have around 15mm thickness in the perspex waveguides and they should fit on  $150 \mathrm{x} 150 \mathrm{mm}^2$  blocks

Box outline with waveguides inside,



We want to be able to tile the squares together to create a maze. We are also including curved sections (not shown here).