

Design of MZI circuit for Testing of Laser input

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Introduction

This is the first draft of the MZI circuit for Testing of Laser input and it has 3 te-mode air grating couplers in 1310nm, a splitter and waveguides.

Model description

This is the first draft of chip 2. The box width is 605 um and height is 410 um. The parameters of the waveguides are 350nm width. The laser input is placed at (0,10um).

Design methodology

TBD

Simulation results

TBD

Test methodology

TBD

Fabrication

TBD

Circuit analysis

TBD

Conclusion

Reference