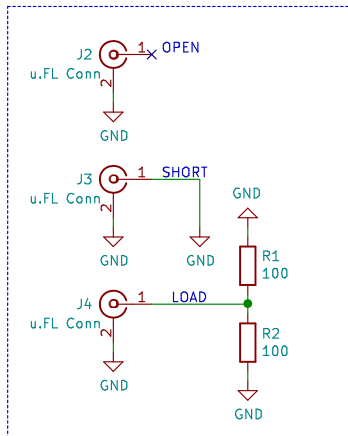
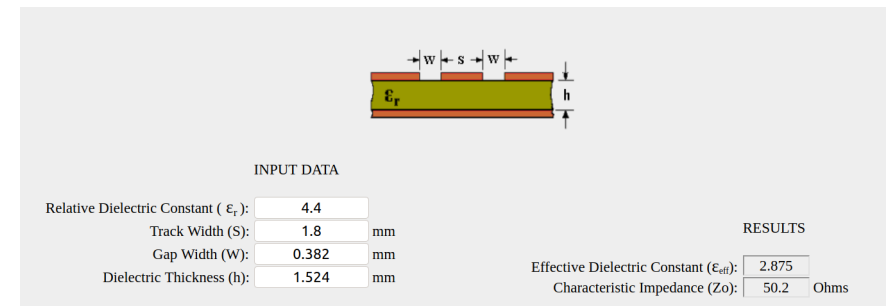


This are calibration loads if you want to characterize the transition, or even if your system is built in similar PCB stackup and you want to use these to calibrate at the end of a u.FL connector.



Here's the calculated line dimensions for a Coplanar Waveguide with Ground transmission line on a standard FR4 substrate with 1.6mm thickness. These online calculators are not extremely accurate and the substrate characteristics are not perfectly controlled, so the real impedance may vary, but should not be too far off.



Used calculator: <https://chemandy.com/calculators/coplanar-waveguide-with-ground-calculator.htm>

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Sheet: /

File: SMA_to_uFL.sch

Title: SMA to u.FL transition board

Size: A4

Date:

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.04.1

Rev: 1.0

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