

Team: POTATO

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Entering Phase: III

What do I plan on doing to ensure that Team P18317 has a successful Phase (III) review?

Perform lab tests to determine feasibility of return loss measurement method

Learn more about the differences between single mode and multimode fiber

Perform lab test with multimode insertion loss measurements

Analyze requirements for optical components

Create Optical BOM

Purchase or obtain samples of critical components like laser or photodiode to begin evaluating

You will answer these three questions when you submit at the end of Phase (III).

What is the procedure for single mode insertion loss and return loss measurements?

What is the procedure for multimode insertion loss and return loss measurements?

What considerations need to be taken in account for the optical subsystem?

What trade-offs are being made?