



M2 Optics, Inc.
We Know Fiber

MEET THE FIBER LAB 750



The Fiber Lab 750 is a must-have solution for those seeking the perfect combination of flexibility and for short/medium range distances when using lengths of optical fiber for testing, latency, and demonstration applications.

Available with up to **170km*** of any type of optical fiber from leading manufacturers, the FL 750 allows users to exactly simulate field networks, add specific time delays, while organizing and protecting the fiber in the most professional manner.

With system testing being a critical phase prior to the deployment of equipment into the field, you need a solution that is guaranteed to produce consistent, accurate results time after time. By consulting with the experienced team at M2 Optics, we will personally help you to build the most ideal configuration for your unique requirements.

With many of the most recognized service providers, equipment manufacturers, government agencies, and large enterprises using Fiber Lab for a variety of testing and network applications, we are confident you will benefit in a similar manner.

HIGHLIGHTS

Exactly simulates a field network to **170km***

Fully-customized with any fiber types, lengths, and connector types

Most professional solution for organizing and using optical fibers

Flexible configurations with multiple spools

3RU rack-mount chassis with multiple formats

Applications:

- Network Simulation
- Latency / Time Delay
- Demonstrations
- Technician Training

*Length varies based on custom configurations

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FIBER LAB 750 SPECIFICATIONS

Spool Configuration Options

Using factory-supplied spools from the fiber manufacturers

- 2 spools with 45km each

Using M2 Optics-designed High Density spools:

- 2 spools with 25km each and 2 spools with 50km each
- 2 spools with 80km each
- 6 spools with 25km each
- 3 spools with 15km each and 3 spools with 40km each

Dimensions

Physical Size: 3RU x 17" x 15" (10.75in H x 19in W x 15in D) Handles extend 1.5in in front of mounting brackets to provide protection for cabling connections.

Weight: Varies by fiber volume and spool type; contact M2

ORDERING INFORMATION

For pricing, please provide the following:

Fiber Type from leading brands Corning®, OFS®, or Prysmian®:

- Single Mode
- Multimode
- Multi-fiber ribbon
- Specialty

Length Configurations:

- By distance
- By latency value

Connector Type:

- LC, SC, FC, ST
- MTP / MPO

Special Services:

- Built-in fiber "events"
- Longer continuous lengths

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