Highlights

Exactly simulates a field network to 300km

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

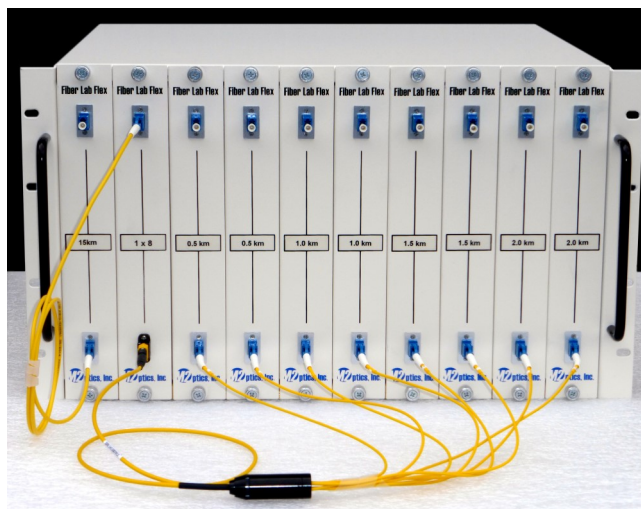**Maximum flexibility with up to 10 modules that can be re-configured**

New modules can be added as required

Special fiber and module services available for added capabilities

Applications:
- **Network Simulation**
- **Latency / Time Delay**
- **Demonstrations**
- **Field Technician Training**

Fiber Lab Flex

The **Fiber Lab Flex** is the most versatile optical fiber testing platform in the market, built exactly to the user's specific requirements. Offering up to 10 lengths of optical fiber in individual modules, a wide array of configurations are possible with each chassis. Each module, which can be purchased individually or as part of a larger setup, is available with up to 25km (standard module), 50km (double module), or 75km (triple module) of any fiber type or brand.

By offering each fiber in a removable module, a user can easily combine or re-configure lengths in the most suitable manner. Modules can be obtained as needs arise and/or change, allowing for a "build-as-you-go" solution, rather than having to always determine future needs in advance.

Whether you are simulating a field network with multiple fiber links, training field technicians, or needing specific lengths for latency applications, the Fiber Lab Flex will be a valuable asset in your facility.

(919) 342-5619 | sales@m2optics.com
www.m2optics.com

Ordering

For pricing, please provide the following:

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

- **Single Mode**
- **Multimode**
- **Specialty**

Length Configurations:
- **By distance**
- **By latency value**

Connector Type:
- **LC, SC, FC, ST**

Special Services:
- **Built-in fiber "events"**
- **1xN optical splitters**

Fiber Lab Flex Specifications

Spool & Module Configuration Options

M2 Optics-designed spools for the Flex modules are available in three sizes: standard single-width, double-width, or triple-width modules.

- 10 single-width modules to 25km each
- 5 double-width modules to 50km each
- 3 triple-width modules to 75km each (1 empty slot remaining)
- Combination of types (Ex: 1 triple + 2 double + 3 single), or add modules at any time

Chassis Options

Enclosure
- Flex Chassis   White color, 10 available Flex module slots
- No chassis   Request modules only

Chassis Specifications

Physical Size: 6RU x 19" x 15" (10.75in H x 19in W x 15in D)
Weight: 10 lbs with no modules

Module Specifications

Physical Size: 9.5 in H x 1.6 in W x 11 in D (single-width)
                        9.5 in H x 3.3 in W x 11 in D (double-width)
                        9.5 in H x 5.0 in W x 11 in D (triple-width)
                        Height is 10.5 in when including mounting ears

Weight: Varies based on amount of fiber; contact M2

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