



# Professional Optical Fiber Platforms

## 100G Multimode Fiber Systems

### Highlights

Multi-fiber platform for 100G testing and latency applications

Custom lengths and configurations

1RU rack-mount or portable enclosures for any environment

OM3 and OM4 fiber with MPO connections

#### Applications:

- Transceiver testing and certification
- Fiber link simulation
- Latency / time delay
- System and device demonstrations

### Fiber Lab MPO



Fiber Lab MPO platforms are the new professional standard for testing 100G multimode optics and systems, as they provide custom lengths of 12-fiber cable configurations for use in both laboratory and data center environments.

Available in compact 1RU rack-mount chassis or portable enclosures, engineers can easily evaluate transceivers, simulate data center links, or test for latency in the most efficient and worry-free manner.

Utilizing OM3 and OM4 multimode optical fibers along with MPO connectors, these platforms ensure consistent performance results while eliminating accidental damage to the fiber cable during use.

To learn more, contact M2 Optics and our experienced team will help you determine the most ideal setup for your testing, latency, or demonstration applications.



### Ordering

For pricing, please provide the following:

#### Fiber Types:

- Multimode OM3
- Multimode OM4

#### Custom Lengths:

- By distance, or
- By latency value

#### Connector Types:

- 12-fiber MPO

#### Enclosure Types:

- Rack-mount
- Portable module

For 100G single mode fiber requirements, contact M2 for available solutions.

## Specifications

### Spool Length Configurations

User-defined lengths of multimode 12-fiber cable are available based upon enclosure type:

- Rack-mount: 1 spool to 650m, or 2 spools to 500m each
- Portable Flex module: 1 spool to 650m
- Portable FL800/1600: Contact M2

### Enclosure Options

- Rack-mount: 1RU, 19 in. Fiber Lab 250 chassis
- Portable: Standard size Fiber Lab Flex module  
Clear Fiber Lab 800 or 1600 canister

Note: Flex modules can be mounted in the portable Tri-Flex chassis, or in the 6RU rack-mount Fiber Lab Flex chassis

### Enclosure Specifications

#### Rack-mount Fiber Lab 250:

Physical Size: 1.75 in (H) x 19 in (W) x 13 in (D)

#### Standard Flex Module:

Physical Size: 9.5 in (H) x 1.6 in (W) x 11 in (D)

#### Clear Fiber Lab Canister

Physical Size: 10 in (H) x 5 in (W) x 10 in (D) *Fiber Lab 800*  
Physical Size: 10 in (H) x 10 in (W) x 10 in (D) *Fiber Lab 1600*