Fiber Lab MSP

Portable Training Network Simulator





Includes P2P, FTTX, and Cell Tower spans
Integrated fiber events and components

Ideal for testing, training, & demos

Rugged case for travel and handling

The <u>Fiber Lab MSP</u> is a portable solution that exactly simulates several common types of fiber optic network spans in a single unit. Designed for OTDR training, device demonstrations, or testing applications, it includes numerous fiber lengths totaling over 40km with integrated components like 1xN splitters, reflective connectors, and good/bad splices for a truly real-world network experience.

Recently utilized and approved by Master FOA Instructor Tom Collins and his students during training classes for the Warriors 4 Wireless program (see reverse side), the Fiber Lab MSP helps technicians learn to troubleshoot multiple types of fiber spans, ranging from a short 5G cell tower fiber to a complete end-to-end FTTx link that includes over 20km with a 1x8 PON splitter and several breakout fibers. Additionally, the rugged case provides solid protection for frequent use and travel along with simple storage when not in use.

The standard MSP setup configuration includes:

- 55m Cell Tower fiber with an in-line connector
- 8km P2P fiber with good in-line splices
- 8km P2P fiber with good and bad in-line splices
- 21.5km PON/FTTx fiber with multiple in-line connectors to a 1x8 splitter (4 outputs from 300m-1km)

Providing classroom training or giving a test device demonstration has never been easier, eliminating the hassle of carrying and piecing together a makeshift setup, while delivering reliable and consistent performance results.

Require different configurations or events? No problem - the MSP can be customized to your specifications!

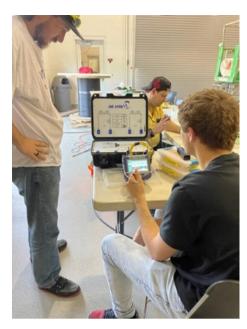














FOA Newsletter - July 2022 Issue

Training For "Warriors For Wireless" Uses New Training Tool

Tom Collins, FOA Master Instructor, does a lot of training and likes to try new tools to make training better. He's been using WiFi-connected instruments like the OTDR to allow students to operate the OTDR from their mobile devices. In a recent course for the Warriors For Wireless organization, Tom introduced a new tool, a fiber optic network simulator from M2 Optics in Raleigh, NC that had been donated to Warriors for Wireless.

Tom's report, "Our recent Warriors 4 Wireless fiber optic class used a new training aid, the M2 Optics Inc. Fiber Lab MSP trainer with our OTDR. The trainer has one event that contains a splitter with a PON system. The unit is a hard case with multiple runs of fiber with splices. It's portable but sturdy enough for the road. We utilized the trainer in all three of our courses, the CFOT, CFOS/Testing, and CFOS/Wireless. Students seemed to like it and it can be incorporated into all of our lab modules. **Student tested and instructor approved!**"

Designed specifically for OTDR training and demonstrations, M2 Optics customizes the Fiber Lab MSP to each user's specific requirements. Offering a wide range of fiber types, lengths, and events, the integrated MSP unit brings the field network experience into the classroom. Visit the M2 Optics website to learn more.



