

# 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 **Fiber Lab MSP** 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!



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# TECHtricians



## 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.



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