



# Fiber QuickMap™



The Fiber QuickMap is an enterprise fiber troubleshooter that quickly and efficiently locates causes of failure in multimode fiber. By instantly providing distances to high loss and high reflectance incidents, Fiber QuickMap is the go-to troubleshooter for any technician who works with multimode fiber.

## Quotable Quotes

One-line Selling	Key Features	Benefit
"Easy to use"	One-button testing	Very little user-setting adjustment needed (if any). Can be used straight out of the box
"Immediate results"	Six-second test time	Immediate visibility into cabling problem areas. No more blind troubleshooting that can last up to hours, if not longer
"Full visibility into cabling quality"	Locate high loss incidents or breaks	Eliminate inefficient trial and error troubleshooting to find the most common causes of fiber failure
"Troubleshoot network degradation"	Locate reflective incidents	Efficient troubleshooting to find a primary source of network degradation – bit error rates
"Quick channel/connectivity check"	Locate multiple incidents	Visibility of channel links, including locations of potentially problematic incidents
"Famous Fluke Networks ruggedness"	Ruggedly constructed	Impact-resistant cover with a secure, comfortable grip

## Target users

Customer	Characteristics	Pain Points
Primary Network Technician	<ul style="list-style-type: none"> <li>Handle general IT trouble tickets</li> <li>Troubleshoot network issues</li> <li>Responsible for MACs</li> </ul>	<ul style="list-style-type: none"> <li>Inexperience with fiber</li> <li>Unfamiliar with how to troubleshoot fiber</li> <li>No OTDR</li> <li>No OTDR or fiber expertise</li> </ul>
Secondary Cabling Contractor/ Installer	<ul style="list-style-type: none"> <li>Installation of fiber cabling for new construction and expansions</li> <li>Manages datacenter maintenance contracts for enterprises</li> </ul>	<ul style="list-style-type: none"> <li>Need readily-available diagnostic capability to troubleshoot certification failures (what now?)</li> <li>OTDR not readily available</li> </ul>

## Conversation starters

1. How long does it usually take for you to troubleshoot or locate the cause behind a cabling (or network) issue/failure?

2. What do you do when you have a failed link? How do you fix it? How long does it take?

**Selling point:** Fiber QuickMap only takes about six seconds to test for any major sources of failure in your multimode channel. You are able to flag any potential problem areas (incidents of high loss or reflectance) with user defined settings. Eliminate hours of blind trial-and-error troubleshooting with a laser and get immediate answers by using a Fiber QuickMap.

**Selling point:** Fiber QuickMap is perfect as the go-to troubleshooter. Usual causes of fiber failures are high loss in the channel – high loss which can come from contaminated or damaged end-faces, poor splices, or breaks in the fiber. To troubleshoot a failure, just plug the Fiber QuickMap into one end of the link and press "Test". Within six seconds, the channel's various incidents and their locations are displayed, enabling you to scroll through to identify the likely cause(s) of the failure.



## FAQ

**Q:** So it's basically like a poor man's OTDR?

**A:** No. Fiber QuickMap™ is a simple-to-use troubleshooter for the front-line technician. It is effective in locating problem areas or for a quick connectivity confirmation by seeing the links\* within the channel.

OTDRs, on the other hand, while effective for troubleshooting, are advanced testing instruments primarily used to certify cabling, analyze graphical traces & save measurement results, and provide documentation.

**Q:** If I have an OTDR, do I need a Fiber QuickMap?

**A:** Possibly. If you are a small organization and already have an OTDR, and fiber expertise, you may not need a Fiber QuickMap™ troubleshooter. If you are a large enterprise or contractor with multiple technicians and use multimode fiber, having the Fiber QuickMap™ can greatly reduce the time spent troubleshooting network/cabling problems or even finding cabling "hot spots" before they become problems. (Refer to "Target Users" chart).

**Q:** Does FQM provide traces? Does it save?

**A:** No and no. By displaying numbers, Fiber QuickMap™ provides the distances in digital format to incidents that you want to know about. These include high loss incidents, high reflectance incidents, poor splices, or standard connections.

**Q:** How does Fiber QuickMap work?

**A:** Fiber QuickMap detects likely causes of failure in your multimode channel by measuring backscatter from the pulse it injects. Based on these measurements, it displays the length of the entire link, distances to high loss and reflective incidents, and connections.

**Q:** Does Fiber QuickMap measure total channel loss?

**A:** Not with the Fiber QuickMap™ by itself – but there are advanced troubleshooting kits available that include the SimpliFiber® Pro power meter and source which can measure overall loss.






**Q:** Does Fiber QuickMap measure connector loss?

**A:** No, but the user can set a loss threshold to "flag" any incident(s) whose loss exceeds the defined threshold.

**Q:** Is there a singlemode troubleshooter version of Fiber QuickMap available?

**A:** For singlemode, Fluke Networks offers a fiber troubleshooter meant for carrier and access applications – with similar yet slightly different capabilities. To purchase, please visit the [flukenetworks.com/theone](http://flukenetworks.com/theone)

## Fiber QuickMap and Kit Configurations

Model	Description
<b>FQM-MAIN</b> 	Fiber QuickMap Enterprise Fiber Troubleshooter with carrying pouch
<b>FQM-KIT</b> 	Fiber QuickMap Kit: Includes Fiber QuickMap, SC/SC and SC/LC (50 and 62.5 μm) hybrid test reference cords, and carrying pouch
<b>FTS900</b> 	Fiber QuickMap Kit: Includes Fiber QuickMap, SC/SC and SC/LC (50 and 62.5 μm) hybrid test reference cords, VisiFault VFL, and carrying pouch
<b>FTS1000</b> 	Fiber QuickMap Troubleshooter Kit : Includes Fiber QuickMap, SC/SC and SC/LC (50 and 62.5 μm) hybrid test reference cords, VisiFault VFL, SimpliFiber Pro power meter and multimode source, and carrying case
<b>FTS1100</b> 	Fiber QuickMap Troubleshooter Kit: Includes Fiber QuickMap, SC/SC and SC/LC (50 and 62.5 μm) hybrid test reference cords, VisiFault VFL, SimpliFiber Pro power meter and multimode source, FT500 FiberInspector Mini video microscope, and carrying case

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\* Links must be ≥ 6 meters in length