



MultiFiber™ Pro

Optical Power Meter and Sources

Product Information



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Optical Power Meter and Sources

Product Information

Product Description

The MultiFiber™ Pro meter and sources let you measure optical power and power loss in fiber installations that have MTP®/MPO connectors.



The meter measures power and loss at 850 nm, 1300 nm, 1310 nm, and 1550 nm

The sources supply power at these wavelengths:

- Multimode source: 850 nm
- Singlemode sources: 1310 nm and 1550 nm

The meter and sources come with these items:

- 2 AA alkaline batteries
- Product information








If something is damaged or missing, contact the place of purchase immediately.

Product Manuals

For instructions on how to operate the meter and sources, see the MultiFiber Pro Getting Started Guide or Users Manual supplied with the MultiFiber Pro kit. Product manuals are also available on the Fluke Networks website.

Safety Information

The table below describes the international electrical symbols used on the meter and source and in the product manuals.

	Warning or Caution: Risk of damage or destruction to equipment or software. See explanations in the manuals.
	Warning: Risk of fire, electric shock, or personal injury.
	Warning: Class 1 laser. Risk of eye damage from hazardous radiation.
	Conforms to requirements of European Union directives. Safety requirements for electrical equipment for measurement, control, and laboratory use.
	Conforms to relevant North American safety standards. Listed by the Canadian Standards Association.
	Conforms to relevant Australian EMC standards.
Laser safety	IEC 60825-1:Class 1
	This key turns the Product on and off.



To prevent possible fire, electric shock, or personal injury:

- Read all safety information before you use the Product.
- Carefully read all instructions.
- Do not open the case. You cannot repair or replace parts in the case.
- Do not modify the Product.
- Use only replacement parts that are approved by Fluke Networks.
- Do not use the Product around explosive gas, vapor, or in damp or wet environments.
- Use this Product indoors only.
- Use the Product only as specified, or the protection supplied by the Product can be compromised.
- Do not use and disable the Product if it is damaged.
- Do not use the Product if it operates incorrectly.
- Batteries contain hazardous chemicals that can cause burns or explode. If exposure to chemicals occurs, clean with water and get medical aid.
- Remove the batteries if the Product is not used for an extended period of time, or if stored in temperatures above 50 °C. If the batteries are not removed, battery leakage can damage the Product.
- The battery door must be closed and locked before you operate the Product.
- Repair the Product before use if the battery leaks.
- Replace the batteries when the low battery indicator shows to prevent incorrect measurements.
- Be sure that the battery polarity is correct to prevent battery leakage.
- Do not disassemble or crush battery cells and battery packs.

- Do not put battery cells and battery packs near heat or fire. Do not put in sunlight.
- Have an approved technician repair the Product.

Warning: Class 1 Laser

To avoid possible eye damage caused by hazardous radiation:

- Never look directly into optical connectors. Some sources produce invisible radiation that can permanently damage your eyes.
- Never turn on the source unless a fiber is attached to the port.
- Do not use magnification to view the optical outputs without proper filtering.
- Use of controls, adjustments, or procedures not stated herein might result in hazardous radiation exposure.

Caution

To prevent damage to fiber connectors, to prevent data loss, and to ensure maximum accuracy of test results:

- Use proper cleaning procedures to clean all fiber connectors before every use. Neglecting this step or using improper procedures can cause unreliable test results and may permanently damage the connectors.
- Cover all connectors with protective caps when not in use.
- For correct measurements, connect only APC connectors to the singlemode sources. Connect only non-APC connectors to the multimode source. You can connect APC or non-APC connectors to the meter.
- For singlemode links with APC connectors, you must use Type A adapters and test cords. Type A components correctly align the angles in the connectors.

- **Never connect the source to an active network. Doing so can disrupt network operations.**
- **After you turn on the source, let it warm up for 10 minutes before use. Allow additional time if the source has been stored above or below ambient temperature.**

Registration

Registering your product with Fluke Networks gives you access to valuable information on product updates, troubleshooting tips, and other support services. To register, go to the Fluke Networks website and click **Sign In**.

Contacting Fluke Networks

 www.flukenetworks.com

 support@flukenetworks.com

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Fluke Networks operates in more than 50 countries worldwide. For more contact information, go to our website.

General Specifications

Temperature	Operating: -10°C to +50°C Storage: -20°C to +50°C
Altitude	Operating: 4,000 m Storage: 12,000 m
Battery Type	2 AA alkaline, IEC LR6, NEDA 15A

LIMITED WARRANTY AND LIMITATION OF LIABILITY

Fluke Networks mainframe products will be free from defects in material and workmanship for one year from the date of purchase unless stated otherwise herein. Parts, accessories, product repairs and services are warranted for 90 days, unless otherwise stated. Ni-Cad, Ni-MH and Li-Ion batteries, cables or other peripherals are all considered parts or accessories.

This warranty does not cover damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on Fluke Networks' behalf. To obtain service during the warranty period, contact your nearest Fluke Networks authorized service center to obtain return authorization information, then send your defective product to that Service Center with a description of the problem.

For a list of authorized resellers, visit www.flukenetworks.com/wheretobuy.

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