



# Optical Power Meter and Visual Fault Locator

## Features:

- For use with a wide variety of wavelengths from 800 to 1700nm
- 48 hours of operation (typical)
- Standard AA alkaline batteries
- Rugged and weather resistant
- Self-shutoff - backlight and unit



The MUL-OPM-VFL-1 Optical Power Meter (OPM) and Visual Fault Locator (VFL) is a handheld optical power meter which also conveniently incorporates a laser-based Visual Fault Locator - all in a single handheld unit. This ergonomically designed instrument uses advanced technology for outstanding functionality and durability.

The OPM uses microprocessor control and includes a variety of advanced features and user selectable settings. It is used for optical signal power measurement at a variety of wavelengths from 800-1700nm. It can be used to inspect optical fiber and connectors for potential failures and issues when connected to an optical interface and/or with a singlemode or multi-mode optical fiber.

It is an indispensable tool in fiber project installations, construction, fiber network maintenance, for testing fusion or field-installed connectorized cables, optical component manufacture and research, etc.

Parameter	Specification
Wavelengths	Range 800 to 1700nm
Connectors	SC, FC, 2.5mm Universal Connector
Detector type	InGaAs
Measurement range	-70- to +10dBm
Uncertainty	±5%
Standard wavelengths	850, 1300, 1310, 1490, 1550, 1625nm
VFL wavelength	650nm
VFL power	>1mW
Operating temperature	0 to 60°C (32 to 140°F)
Storage temperature	-20 to 70°C (-4 to 158°F)
Automatic shutoff timer	10 minutes
Backlight	Yes, turns off after 1 min of no use
Operating hours	Up to 48
Power Supply	3 AA batteries
Dimensions (cm)	19 x 10 x 4.8 (7.5 x 4 x 2inches)
Weight	400gm (.9lb)

\* Typical length of continuous fiber at which end-to-end identification is possible. Visual fault location depends on ambient light conditions at test site

## MUL-OPM-VFL-1

[www.multicominc.com](http://www.multicominc.com)

Multicom, Inc.  
1076 Florida Central Parkway  
Longwood, FL 32750  
Ph: 800-423-2594 / 407-331-7779  
Fax: 407-339-0204  
Email: [multicom@multicominc.com](mailto:multicom@multicominc.com)