

Common Optical Power Meters



Article Overview

Popular optical power meters include handheld and benchtop models from brands like Keysight, Newport, ILX Lightwave, Jonard Tools, and Mini 4-in-1 portable meters, offering high accuracy, wide wavelength ranges, and versatile connectivity.

Handheld Optical Power Meters

Handheld meters are ideal for field technicians and network engineers due to their portability and ease of use. Notable models include:

- Mini 4-in-1 Portable Optical Power Meter with Visual Fault Locator: Covers 800–1700nm wavelengths and a power range of -70dBm to +6dBm, compatible with SC, FC, ST, and LC connectors. Lightweight and battery-operated, it is suitable for telecommunications and networking tasks, though it may require frequent battery replacement and additional connectors for LC cables .
- Jonard Tools FPM-50: Offers 800–1650nm wavelength coverage, internal memory for up to 1,000 data entries, and tone recognition at 270Hz, 1kHz, and 2kHz. It is highly reliable for professional installations and maintains calibration stability across temperature changes .
- Noyafa NF-908: Combines an optical power meter with a visual fault locator, making it suitable for home enthusiasts or occasional troubleshooting. It supports common residential fiber-to-the-home wavelengths and provides a cost-effective solution for basic fiber testing .

Benchtop Optical Power Meters...

Article Content

Optical Power Meters

VIAVI offers fast, cost-effective, and easy-to-use power meters for installation and maintenance of single mode and multimode fiber

How to Choose Optical Power Meters

Discover top-rated optical power meters, designed for precise measurements of optical signals in fiber optic networks and ensuring

Optical Power Meters

Optical power meters and detectors have been served by Newport for over 30 years. The offering ranges from a low cost, hand-held

Optical Power Expert | EXFO

Connected optical power meter: an essential tool for technicians installing or maintaining any fiber optic network (FTTx).

Power meters for fiber networks | EXFO

Power meters Power meters are a toolbox essential for all technicians installing or maintaining any type of fiber networks. From

26 Optical Power Meter Manufacturers in 2026

26 Optical Power Meter Manufacturers in 2026 This section provides an overview for optical power meters as well as their

Optical power meter

An optical power meter (OPM) is a device used to measure the power in an optical signal. The term usually refers to a device used

Optical Power Meters | santec

Santec offers a comprehensive range of Optical Power Meters designed to meet diverse testing requirements in fiber optic applications.

Optical Power Measurement

Thermopile Optical Sensor Basics The basic laser high-power (>1 Watt) detector is essentially a thermopile. The more familiar

Fiber Optic Power Meters and Fault Locators | Fluke Networks

Fluke Networks sets the standard in network testing with its advanced range of fiber optic power meters and fault locators, designed

Optical Power Meters | Any Network | Kingfisher International

Optical power meters for any network. A range of handheld meters with choice of styles. Best accuracy, flexibility and easy to use.

Contact Us

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