Prices of Light Sources and Optical Power Meters



Overview

Amazon.com: Optical Power Meter And Light SourceCheck each product page for other buying options. Optical Power Meters from AFL measures optical power i |.

Key Takeaways

Optical light sources for fiber optic testing typically range from $285 to over $3,000 depending on type, wavelength, and kit configuration. Price RangesEntry-level LED or laser light sources for single-mode or multimode fibers start around $285 to $750. Examples include the LS-102D 1310/1550nm single-mode laser at $285 and dual 850/1300nm LED sources at $660 (FiberOptics4Sale) or Jonard FLS-50 at $314.

95 (FiberOptic Supply). Mid-range kits combining optical power meters and light sources typically cost $500 to $1,500. For instance, the Jonard FPL-5050 kit is $556.

50, and the SMARTFiber TL4-5532 kit with 1310/1550nm light source is $1,148. 99 (Primus Cable, Fiber Savvy). High-end professional light sources with multiple wavelengths, stabilized output, or multimode/single-mode capabilities can exceed $2,000 to $4,000.

Examples include the AFL SMLP8-04-BAS FlowScout kit at $3,370 and EXFO ELS-50 dual multimode light source at $1,220 (FiberOptics4Sale, FiberOptic Supply). Specialized or multi-wavelength kits for advanced testing, such as triwave sources covering 1310/1550/1625nm, range from $1,350 to $1,795 (FiberOptics4Sale).

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Factors Affecting Price

Wavelength Coverage: Single-mode (1310/1550nm) sources are generally less expensive than multi-wavelength or triwave sources. Type of Source: LED sources are cheaper, while laser sources provide higher stability and precision, increasing cost. Kit Configuration: Bundled kits with optical power meters, visual fault locators, and adapters cost more than standalone light sources.

Calibration and Stability: Stabilized light sources with self-calibration features or high-precision output are priced higher. Brand and Vendor: Established brands like EXFO, AFL, and Jonard tend to be more expensive than generic or entry-level models on Amazon.

Summary

For basic field testing, expect to pay $300–$750 for a standalone light source. For combined kits with power meters, prices typically range $500–$1,500, while high-end professional or multi-wavelength sources can cost $2,000–$4,000 or more. Choosing the right model depends on your fiber type, wavelength requirements, and testing precision.

Article Content

Optical Power Meters from AFL measures optical power i | AFL Global

Optical Power Meter (OPM) from AFL measures optical power in fiber optic networks, also measures insertion loss of MM or SM cables if used with Light Source.

Optical Power Meters

Contact us for more information or to receive a price quote. We have the experts to give you the right answer on any of your questions.

Amazon : Optical Power Meter

Browse optical power meters designed for network installation and maintenance. Shop reliable fiber testing equipment with multiple wavelength support.

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Fibre Optic Power Meters for Fibre Optic Test

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Optical Power Meters and Light Sources

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Power Meter & Light Source

Don''t miss the chance to match your power meter with a new optical light source. Designed with accuracy and power in mind, let the perfect light source enhance your testing capabilities.

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Amazon : Light Meter

Explore compact light meters for indoor and outdoor use. Accurate readings for LED, fluorescent, and natural light sources.

Fiber Optic Power Meters and Light Sources | Jonard

Designed to provide either 1310 nm or 1550 nm wavelengths, this optical light source is the perfect tool for providing a stable light source for single mode fiber

Optical Power Meters Types Prices & Technical Specifications

More advanced OLTS may incorporate two or more power meters, and so can measure Optical Return Loss. Generic Requirements for Hand-Held Stabilized Light Sources, Optical Power Meters,

Light-source testing solutions | EXFO

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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