Price of Single-Mode Dual-Core Fiber Optic Indicator Light



Overview

Optical fiber identifiers made by Wilcom, EXFO, FITEL. Detect the presence and direction of light signal passing through a single mode or multimode fiber.

Key Takeaways

Single-mode dual-core fiber optic indicator lights typically range from $500 to $2,500 depending on brand, features, and wavelength support. OverviewSingle-mode dual-core fiber optic indicator lights are used to detect, measure, and identify light signals in single-mode fiber networks. They are essential for attenuation testing, fiber identification, and network troubleshooting.

These devices often support multiple wavelengths (commonly 1310 nm and 1550 nm) and may include features like adjustable output power, test tones, and compatibility with optical fiber identifiers (OFI) for precise measurements. Price RangeEntry-level models from suppliers like Alibaba or specialized distributors can start around $500–$800, suitable for basic single-mode testing and dual-core detection. Professional handheld light sources such as the AFL OLS2-DUAL, which provide stabilized laser output, multiple wavelengths, and advanced testing features, typically cost $1,200–$2,500.

High-end or multi-feature units from brands like EXFO or VIAVI may exceed $2,500, offering enhanced accuracy, multiple connector adapters, and compliance with TIA/EIA standards.

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Key Features to Consider

Wavelength Support: Ensure the device covers 1310 nm and 1550 nm for single-mode fiber testing. Connector Compatibility: FC, LC, SC, ST, or universal adapters for flexible deployment.

Dual-

Core Capability: Allows simultaneous testing of two cores, providing redundancy and faster measurements. Portability: Handheld units are preferred for field testing, while benchtop models may offer higher precision. Compliance: Devices should meet TIA/EIA standards for accurate attenuation and fiber identification.

Where to Buy

Alibaba: Offers a variety of single-mode dual-core fibers and indicator lights, often with bulk pricing options. Specialized Products: Stocks AFL, EXFO, VIAVI, and other brands with shipping in the USA, typically 2–4 weeks delivery. Amazon: Provides consumer-accessible fiber optic light sources, though professional dual-core models may be limited.

Fosco Connect / FiberOptics4Sale: Offers optical fiber identifiers compatible with single-mode dual-core fibers. In summary, the price depends on the brand, features, and intended use, with professional dual-core single-mode light sources generally ranging from $1,200 to $2,500, while simpler models may be available for under $1,000.

Article Content

Single Mode & Multimode Optical Fiber Identifiers

Optical fiber identifiers made by Wilcom, EXFO, FITEL. Detect the presence and direction of light signal passing through a single mode or multimode fiber.

Amazon : Fiber Test Light

Visual Fault Locator 30KM - VFL Fiber Optic Tester Kit with Universal 2.5mm Connector, Includes FC to LC Adapter, Compatible Single Mode 9/125um & Multimode, Fiber Light & Laser for CATV Telecom

Amazon : Fiber Optic Light Source

Fiber Optical Light Source - Singlemode Dual Wavelength 1310nm/1550nm, 2.5mm Universal Interface with SC/FC Adapter, Fiber Tester with RJ45 Network Testing Add to cart

Fiber Optic Light Source, LED & Laser Light Source

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Specialized Products offers LED and laser fiber optic light sources from AFL, EXFO, VIAVI, Photonix, Tempo Communications and other leading brands. Our selection includes multimode, single mode

Corning Fiber Optic Visual Fault Locator / Light Source

The Corning Cable Systems VFL-350 Visual Fault Locator / Light Source is used to check single-mode and multimode optical fiber cables and components for faults or to locate individual fibers in a bundle.

Single Mode vs. Multimode Fiber: Core Differences and Selection Guide

How do you choose between single mode and multimode fiber? Compare their differences in core size, light source, bandwidth, transmission distance, and cost to identify the right application.

Advanced Fiber Solutions Single Mode Fiber Optic Test Kit

The AF-OLK51N-MM multimode or AF-OLK51N-SM single mode fiber tester kits feature a fiber optic power meter and a light source to quickly and economically

FIBERMASTER FIBRE OPTIC POWER METER / LIGHT SOURCE

Fibre optic cable power meter and light source for multimode and singlemode cabling, LAN and telecom networks. Instant results using the FiberMASTER Power Meter (PM) and Light Source (LS). The

Single Mode Fibers for Visible Through Near IR

Our range of specialty Single Mode (SM) fibers are designed to offer customers the best choice of fiber for their application without the performance sacrifices that would be experienced by using standard

FiberLert Live Fibre Detector, -30 to +3dBm

Quickly verify fibre activity, polarity and connectivity with the FiberLert™ live fibre detector. This pocket-sized tool tests single-mode, multimode, UPC and APC patch cords and ports with a non-contact/non

Global Legal Chronicle

Sunbelt Rentals Prices $1.2 Billion Senior Notes Offering Due 2030 and 2036 Skadden has advised Sunbelt Rentals. Sunbelt Rentals has announced the pricing of its senior notes offering, comprising

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Fluke Networks FiberLert™ Detector | Fluke

Want to quickly verify fiber activity, polarity, and connectivity without spending thousands? Now you can for less than $200. Check out the FiberLert.

Amazon : Fiber Optic Light Source

Fiber Optical Light Source - Dual Wavelength 1310nm/1550nm, Single Mode, SC/FC/ST Universal Interface with RJ45 Power & Test Cable, Fiber Optic Cable Tester Add to cart

Amazon : Vfl Fiber Optic

Tackle fiber optic cable issues with a powerful visual fault locator. Benefit from durable construction, long-distance reach, and multiple connection options.

Fiber Optic Cable Types Explained

Our comprehensive guide to types of fiber optic cables. Learn all about the differences between single mode and multimode cables, as well as the various fiber wavelengths and standard core sizes used

The Key Differences Between 1-core, 2-core, Single

In optical modules, “core” refers to the light-transmitting channel in the fiber. A 1-core module uses a single fiber core for data transmission, while a

Fiber Optic Cable Types – Multimode and Single Mode

Single Mode fibers are identified by the designation OS or Optical Single-mode Fiber. Single Mode cable has a much smaller core (8-9um) than multimode cable and uses a single path (mode) to carry the light.

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