

Price of Space Fiber Optic Collimator



Article Overview

Fiber optic collimators typically range from \$100 to over \$2,000 depending on type, wavelength, and power handling.

Typical Price Ranges

- Standard single-mode or multimode collimators: \$100–\$500. These include fixed or adjustable collimators for FC/PC, FC/APC, or SMA connectors, suitable for laboratory and communication applications (Thorlabs, Newport) .
- Polarization-maintaining (PM) collimators: \$300–\$1,000. PM collimators are designed for high-precision applications where polarization stability is critical (FindLight, DK Photonics) .
- High-power fiber collimators: \$1,000–\$2,500+. These are engineered for high-power lasers, fiber amplifiers, or free-space coupling with low insertion loss and high damage thresholds (Agiltron) .
- Specialty or achromatic collimators: \$500–\$1,500. Achromatic or long focal length collimators compensate for chromatic aberration and are used in broadband or multi-wavelength systems (FindLight, Edmund Optics) .

Factors Affecting Price

- Wavelength range: Collimators covering UV to IR (405–1650 nm or broader) are more expensive.
- Fiber type: Single-mode, multimode, or polarization-maintaining fibers influence cost.
- Power handling: High-power collimators with advanced coatings or end-cap technology cost more....

Article Content

Oct 07, 2025

Fiber Port Couplers/Collimators with Aspheric Lenses 4.6mm, 7.5mm,

Get a price quote for Fiber Port Couplers/Collimators with Aspheric Lenses 4.6mm, 7.5mm, 11mm EFL directly from YSensor | Ask

Apr 10, 2026

Fiber Optic Loss Budgets Calculator | Fiber Optic Systems Inc.

Our Fiber Collimator Calculator, combined with the insights provided in this guide, empowers you to make informed decisions and

Dec 27, 2025

FC/PC Adjustable Aspheric Collimators

We recommend using these adjustable collimators with our AR-coated single mode fiber optic patch cables. These cables feature an

Jun 03, 2026

Triplet Fiber Optic Collimators/Couplers

Each lens in the collimator has a broadband antireflection coating (see the Coatings tab) in order to minimize losses caused by

Apr 30, 2026

Fiber Collimators – lens, collimated beam, focal length,

A fiber collimator is an optical device used to transform the diverging light from an optical fiber into a free

Nov 20, 2025

Fiber Optic Collimators

These collimators can be glued into a 2D array with high precision and all light channels are thus parallel. The type of fiber, the

Dec 27, 2025

Precision Fiber Optic Collimator/Focuser Array

The Precision Fiber Optic Collimator/Focuser Array is engineered to meet the rigorous demands of next-generation photonic device

May 06, 2026

WaveSource Photonics, Inc.

We provide a full family of Gaussian beam fiber-optic collimators for coupling light into and out of fibers. Through detailed design

Apr 25, 2026

Fiber Collimators - Buyer's Guide & Supplier List | RP

This buyer's guide for fiber collimators provides technical background, comparison of major types, selection

Mar 09, 2026

Large Fiber Collimators

For OEM users we have pigtailed collimators for a specific wavelength. We can customize for wavelength regions, beam sizes,

Aug 13, 2025

Fiber, Receptacle Collimators and Focusers

Collimators and Screw-on Focusers; Wavelength UV to IR; Focal Length 10 mm to 76 mm; Single Mode & Multi Mode Fibers,

Oct 17, 2025

Fiber Optic Collimators | MEETOPTICS Academy

Fiber optic collimators are used to launch the light from an optical fiber into a free space collimated beam

Aug 03, 2025

Fiber Optic Collimators

Fiber Collimators are used to launch the light from an optical fiber into a free space collimated beam or for launching collimated light

Dec 21, 2025

Fiber Collimator, Fiber-Optic Collimation and Focusing Assemblies

Optical fiber collimator (2000nm 1550nm 1310nm 1064nm 980nm 850nm 780nm 650nm 632nm 630nm 460nm 450nm fiber-optic

Apr 29, 2026

Align Fiber Collimators to Create Free Space Between Single Mode Fibers

Two collimators, inserted into a fiber optic setup, provide free-space access to the beam. The first collimator accepts the highly

Jan 18, 2026

Adjustable Fiber Optic Collimators

These adjustable collimators are designed specifically for singlemode and polarization maintaining (PM) fiber applications which

Jan 16, 2026

Fiber Collimator

Fiber Optic Collimators Fiber-optic collimators are used to launch the light from an optical fiber into a free space collimated beam.

Jan 24, 2026

LightPath® Fiber Optic Collimators

LightPath Fiber Optic Collimators are used to collimate/focus light exiting a fiber to a desired beam

Dec 02, 2025

Fiber Collimators

Fiber collimators convert light from an optical fiber into a collimated beam or focuses a free-space beam

Feb 14, 2026

Fiber Optic Collimators: Types, Applications, and How to Choose

Fiber optic collimators and their applications is the topic of this blog article. This blog article is brought to you by Ocean

Mar 13, 2026

Collimation / Coupling

Our Polaris ® Kinematic Collimators offer high-quality collimation paired with long-term alignment stability.

Jan 14, 2026

FCM Collimators for High NA Fibers

Introduction Collimators are required to transform naturally diverging light-emission from an optical fiber to a parallel beam of light.

Nov 03, 2025

Collimators and Focus Guides | Molex

Used in a wide variety of optical systems, these ruggedized modules are designed to collimate or focus light exiting an optical fiber to

May 26, 2026

Small Fiber Collimators

Small Fiber Collimators ... In many applications, small spaces require small solutions. We have developed very small or tiny fiber

Jan 04, 2026

FiberPort Collimators / Couplers

Thorlabs' compact, ultrastable FiberPort micropositioners provide an easy-to-use platform for coupling light into and out of optical fibers.

Oct 23, 2025

Focusable Collimators

Focusable Collimators consist of a fiber optic collimator with a fiber optic refocusing assembly. Focusable Collimators are available at

Jul 20, 2026

Collimators

Collimator from Thorlabs Inc 1060 nm, $f=6.12$ mm, $NA=0.28$, FC/APC Triplet
Collimator Product Specs Collimator Type: Triplet

Nov 02, 2025

LightPath® Fiber Optic Collimators

LightPath® Fiber Optic Collimators are designed so that they can be used in pairs to couple the input and output light of optical

Apr 21, 2026

High Power Fiber to Free Space Isolator/Collimator 1310nm-2400nm

This passive device transmits high power light from the input fiber into a free-space collimated output beam while blocking unwanted

Sep 26, 2025

Fiber Optic Collimators | Suppliers | Photonics Buyers' Guide ...

Manufacturer of free-space and fiber-coupled lasers with diffraction limited performance. Lasers from 350 to 2000 nm have

Mar 22, 2026

Focusable Collimators

The fiber optic collimator utilizes a PCX lens positioned at the focal length from the optical fiber tip. These collimators are available

Contact Us

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