

Where to buy high-precision large-core optical fiber



Article Overview

High-precision large-core optical fibers can be sourced from specialized manufacturers like Fibercore, Coherent, and MFOPTEx, offering customizable core sizes, coatings, and materials for high-power and precision applications.

Recommended Suppliers

1. Fibercore Fibercore provides highly customizable large-core fibers with a wide range of coatings and geometries. They cater to applications requiring precise optical performance and can work with customers to develop custom fiber solutions tailored to specific core sizes and optical requirements . 2. Coherent Coherent offers an extensive catalog of specialty optical fibers, including single-mode, multi-mode, and polarization-maintaining fibers. Their products support high-power laser delivery, distributed sensing, and precision instrumentation. Coherent can fabricate custom fibers with specific core diameters, cladding, dopants, and coatings, including high-damage-threshold and low-loss fibers suitable for demanding environments . 3. MFOPTEx Co., Ltd. MFOPTEx specializes in large-core multimode optical fibers with core diameters ranging from 10 μm to 2000 μm . They provide fibers suitable for high-power laser transmission, deep ultraviolet (DUV) to near-infrared (NIR) wavelengths, and offer various jacketing materials and core shapes, including square and polygonal cores . 4. RP Photonics Supplier Directory For a broader selection, RP Photonics maintains a comprehensive directory of over 200 fiber optics suppliers, including those offering optical fibers for industrial, medical, and laser applications. This resource allows comparison of technical specifications, fiber types, and supplie...

Article Content

May 27, 2026

Large Core Fiber Optics

Offering an extensive line of large core side and end emitting fiber for industrial, architectural, commercial

Feb 16, 2026

Large Diameter Fiber Optic Cables

Find Large Diameter Fiber Optic Cables related suppliers, manufacturers, products and specifications on GlobalSpec - a trusted

Feb 21, 2026

LARGE CORE FIBER

LARGE CORE FIBER Fibercore's Large Core Fiber is a pure silica core/fluorinated silica clad multimode (MM) fiber. The relatively

Dec 03, 2025

Fiber Optic Cables | Corning

With 2 billion kilometers of fiber optic cables installed around the globe, Corning continues to lead the industry in product quality and

Nov 24, 2025

Specialty Optical Fiber

Phillips Medisize, a Molex company, helps address unique customer needs with an industry-leading selection of over 500 specialty

Jan 22, 2026

Large Core Fiber series | Telecommunication Systems Business Unit

Fujikura's Large Core fibers are quartz-based optical fibers engineered for high-density power transmission and broad-wavelength

Jul 15, 2026

Large Core Multimode Fiber | Fibercore

Broad selection of core diameters for high power applications Highly customizable designs, alternative designs available by request

Jul 12, 2026

Fiber Optic Cable Buying Guide

Fiber Optic Cable Buying Guide Understand how to choose fiber optic cable by comparing single-mode vs.

Sep 15, 2025

An Introduction to Large Core Optical Fibers

The most common multimode optical fibers, which allow multiple light modes to propagate along the link simultaneously, are

Feb 27, 2026

Fibercore | First In Specialty Fiber Design & Manufacture

Fibercore has over 30 years experience of the Specialty Optical Fiber industry. We're the world leader in

Dec 26, 2025

Multimode Fiber

Multi-mode optical fiber has a core diameter that is much larger than the wavelength being carried. The large core allows for high

May 18, 2026

Coherent | Coherent

The large core of the fiber allows for shorter fiber lengths in high power amplifiers to reduce the impact of

Jul 12, 2026

Large-core Fibers – multimode, single-mode, effective mode area

Large-core fibers are optical fibers with a relatively large fiber core. Depending on the numerical aperture, such fibers can be single

Jun 16, 2026

Large Core Fibers

Large core fibers from Fibercore. Highly customizable designs with a wide range of coatings available. Contact us today.

Feb 28, 2026

Large Core Fiber

Large core optical fibers are most commonly used in medical and industrial applications. The large core size allows the use of very

Feb 06, 2026

Fiber Optic | Fiber Optic Accessories | Edmund Optics

A single Optical Fiber utilizes total internal reflection to transmit light, allowing bends along its path. Minimal light loss during

Dec 21, 2025

UV to NIR Large Core Optical Fibers

These single core optical fibers are an inexpensive and simple solution for light guiding applications, such as transporting light from a

Jan 30, 2026

Large Core Fiber Cable for High-Power Optical Transmission

Neptec's Large Core Fiber Cable is engineered for multi-mode, high-power optical transmission with minimal loss. Ideal for industrial

Aug 26, 2025

10 Best Fiber Optic Manufacturers for 2026

Discover the best fiber optic manufacturers globally, offering cutting-edge multimode and single mode fiber solutions.

Aug 03, 2025

Pure Silica Core with Polyimide | Fibercore

Large Core Fibers Wide range of coatings available High and low OH variants available, optimized for UV or visible/NIR applications

Oct 14, 2025

Multi-core Fibers – Buyer's Guide & Supplier List | RP Photonics

This buyer's guide for multi-core fibers provides technical background, comparison of major types, selection criteria, and an overview

Jan 09, 2026

Large Mode Area Fibers – Buyer's Guide & Suppliers

This buyer's guide for large mode area fibers provides technical background, comparison of major types, selection criteria, and an

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://khanimamboguesthouse.co.za>

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

