

1-core bundled optical cable manufacturer direct sales



Overview

FiberTech Optica manufactures custom fiber optic bundles for demanding optical systems and instrumentation.

Key Takeaways

FiberTech Optica, CeramOptec, OCC, and Meisu Optics offer direct sales of 1-core or custom bundled optical cables for industrial, medical, and OEM applications. Key Manufacturers and Options



FiberTech Optica specializes in custom fiber optic bundles with virtually unlimited configurations, including single-core bundles. They provide precise length tolerances, custom ferrules, and jacket options, supporting single-mode and multimode fibers across a wide wavelength range from Deep UV to MIR. Their bundles are suitable for spectroscopy, laser, and instrumentation applications, and they offer direct sales inquiries for custom orders (FiberTech Optica) . CeramOptec manufactures custom optical fiber bundles, including single-core and multi-channel bundles, with precise geometries such as round, square, or hexagonal. They provide fused-end bundles for low-loss, homogeneous light transmission, ideal for laser beam homogenization, medical illumination, and spectral analysis. CeramOptec supports OEM integration and direct consultation for tailored solutions (CeramOptec) . Optical Cable Corporation (OCC) offers a wide range of fiber optic cables, including single-core and hybrid bundles, designed for harsh industrial environments. OCC emphasizes high-performance, durable solutions with direct sales support, suitable for broadcast, industrial, and military applications (OCC) . Meisu Optics provides single-mode and multi-mode fiber bundles, including 1-core configurations. Their bundles are tightly packed in linear or circular arrangements, optimized for spectrometer applications and precise light distribution. Meisu offers direct inquiries for custom core diameters and bundle arrangements (Meisu Optics) .

Considerations for Direct Purchase

- Customization: Most manufacturers allow specification of fiber type, core diameter, bundle geometry, and end terminations.
- Applications: Choose a manufacturer based on your application—spectroscopy, laser delivery, medical devices, or industrial sensing.
- Direct Sales: Contacting the manufacturer directly ensures access to OEM support, technical consultation, and custom production capabilities.
- Lead Time and MOQ: Discuss minimum order quantities and production lead times, especially for custom single-core bundles. For direct purchase, it is recommended to reach out to the manufacturers via their contact forms or sales departments to specify your 1-core bundle requirements, including fiber type, length, and end termination. This ensures precise, application-specific solutions.

Article Content

Industrial fiber optic bundle manufacturer, fiber optic bundle

FiberTech Optica manufactures custom fiber optic bundles for demanding optical systems and instrumentation. With virtually no limit

Optical Fiber Bundles for Industry, Medical & OEM | CeramOptec

Custom-assembled optical fiber bundles for laser, sensing, and UV applications - precise light distribution and reliable beam

Single Mode Fiber Optic Cable Bundle, 2D Multimode Fiber Bundle,

Complementary to a single mode fiber bundle, a 2-D tapered fiber optic cable bundle uses a flat-bottom groove and lid to stack

Bulk Fiber Optic Cables for Internet | CableWholesale

CableWholesale is a fiber optic products supplier with a variety of cables, connectors, and converters at wholesale prices. These

Quality Bulk Multimode & Single Mode Fiber Optic Cables

Shop our diverse range of bulk fiber optic cables, tailored for various networking needs. We provide both single-mode and multimode

Pre-Terminated Fiber Optic Cable Assemblies

Our pre-terminated Fiber Optic Cables offer a plug and play custom fiber solution for seamless installation in electrical conduits or

Fiber Optic Cable Supplier, Distributor

Stocking distributor of fiber optic installation tools, bulk fiber cables, fiber patch cables, test equipment,

Fiber Optical Cable Corporation & Manufacturer

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Top 15 Fiber Optic Manufacturers (2026 Global Ranking)

An authoritative 2026 guide to the top 15 fiber optic manufacturers — from Corning and Prysmian to Fujikura and LS Cable — with

Best 10 Fiber Optic Cable Manufacturers in the United States

This post lists 10 top American fiber optic cable manufacturers and suppliers. Take a look at their list and obtain

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From bulk Ethernet and fiber cable to terminations and tools, trueCABLE delivers professional-grade products designed for seamless

About OCC

We manufacture and design top-tier fiber optic and copper cabling and connectivity products to support a wide range of application

Fiber Optic Cable

Find here Fiber Optic Cable, OFC manufacturers, suppliers & exporters in India. Get contact details & address of

Fiber Optic Cable

Fiber Cable Belden's extensive line of indoor and outdoor cable products is offered in tight buffer and loose tube designs. Armored,

Single Mode Fiber Optic Cable Bundle, 2D Multimode Fiber Bundle,

2-D fiber optic bundle, or fiber bundle optics, such as the linear fiber bundle, uses flat-bottom groove and lid to stack multiple fibers

Fiber Optic Cable Manufacturer & Supplier | ZTO Fiber Cable

Leading China fiber optic cable manufacturer. We supply aerial, duct, buried, and indoor cables. High-quality, ISO certified & factory

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