

Manufacturer of Bundle-Type Optical Cables



Overview

Industrial fiber optic bundle manufacturer, fiber optic bundle FiberTech Optica delivers fiber optic bundles to meet almost any requirement. With virtually.

Key Takeaways

Leading manufacturers of bundle-shaped optical cables include FiberTech Optica, CeramOptec, and WEINERT Industries, offering custom fiber bundles for industrial, medical, and research applications. Key Manufacturers

FiberTech Optica specializes in custom fiber optic bundles for distributing and shaping light in spectroscopy, laser, and instrumentation applications, providing tailored solutions for precise light guidance and measurement needs . CeramOptec manufactures custom fiber bundles with a wide range of geometries and assembly options, including fused-end bundles for homogeneous, low-loss light transmission. Their products are used in medical illumination, endoscopy, laser beam homogenization, and complex optical systems requiring high precision . WEINERT Industries AG offers customized fiber bundle assemblies with multi-branched fibers and converters for cross-sections from round to linear designs, suitable for applications demanding flexible layouts and high optical performance .

Applications and Features

- Industrial and Research: Remote illumination, spectroscopy, and machine vision using incoherent or coherent bundles for efficient light transport .

- Medical: Endoscopy, photodynamic therapy, and diagnostic systems with multi-channel bundles for precise light delivery .
- Customization: Options include hexagonal, linear, or pinpoint arrangements, fused-end cores, and combinations of different fiber types for tailored light distribution .
- Material Options: Bundles can be made from glass or plastic fibers, with protective sheaths for mechanical strength and environmental protection . These manufacturers provide ready-to-use, highly customizable fiber bundles suitable for demanding environments, ensuring reliable light transmission, flexibility, and integration into complex optical systems.

Article Content

Industrial fiber optic bundle manufacturer, fiber optic bundle

FiberTech Optica delivers fiber optic bundles to meet almost any requirement. With virtually no limit on the number of fibers, all of our

Optical Fiber Bundles for Industry, Medical & OEM | CeramOptec

CeramOptec manufactures custom fiber bundles exactly to specification, from classic signal transmission and medical illumination to

Loose Tube Optical Fiber Bundle: Complete Guide to Types, Specs,

Our fiber optic products are high-quality and competitively priced. We also manufacture supporting optical fiber

109 Fiber Optic Cable Manufacturers in 2026

This section provides an overview for fiber optic cables as well as their applications and principles. Also, please take a look at the list

Fiber Optic Cable Supply | Buy Fiber Optic Products from The Most ...

Shop for fiber optic cables at Cables Plus USA, leader in fiber optic products supply offering high-quality products at the best value

Fiber Optic Bundles | Suppliers

Manufacturer of specialized optical fiber, subassemblies, and hybrid photonic solutions. Products include multimode silica optical

Custom optical bundles and probes for complex applications

Main applications would be illumination and excitation bundles, endoscopy, imaging systems, optical power transportation or mere

About OCC

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

10 Best Fiber Optic Manufacturers & Suppliers for 2026

The top 10 suppliers and manufacturers of optical cables in 2026. offering high-speed connectivity, durable builds, and

Fiber Bundles & Light Guides | MEETOPTICS Academy

What are Fiber Bundles & Light Guides? Optical fiber bundles and light guides are two related technologies used for transmitting light

Fiber Optic Cable

Belden's extensive line of indoor and outdoor cable products is offered in tight buffer and loose tube designs. Learn more about each

Fiber Cables & Bundles | FindLight

Source Fiber Cables & Bundles for light transport: single-mode, multi-mode, PM, high power cables, and fiber bundles from vetted

Fiber Optic Bundles | Suppliers

Explore 49 top manufacturers and suppliers of Fiber Optic Bundles in our comprehensive photonics buyers' guide. Fiber optic

Fiber Bundles, Assemblies

And for your custom bundled assembly, please contact AMS Technologies – our staff of engineers and technical sales professionals

Fiber Bundles

Optical fiber bundles for spectroscopy, analytical equipment and other purposes with a wide range of geometric, arrangement and

Custom fiber optic assemblies, fiber optic cable assemblies

IDIL designs and manufactures custom optical fiber assemblies, including cables, patch cords, bundles, and probes for industrial

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