ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Intelligent Manufacturer of Fiber Optic Fast Connectors



Overview

FASTConnect Mechanical Fiber Connectors | AFL GlobalFASTConnect® connectors are compatible with 250 µm and 900 µm optical fibers, as well as 900 µm, 2 Opti.

Key Takeaways

Leading manufacturers like AFL, CFOFC, Corning, and Shenzhen De You Industrial Co., Ltd. provide high-performance, field-installable fiber optic fast connectors for rapid, reliable network deployment.Key Manufacturers and Products



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AFL FASTConnect® offers factory pre-polished, field-installable connectors that eliminate hand polishing. Their connectors use mechanical splice technology, a pre-cleaved fiber stub, and index-matching gel to ensure low insertion loss and precise fiber alignment. Compatible with 250 µm and 900 µm fibers, they support LC, ST, and SC types, ideal for enterprise, FTTx, and LAN applications. The connectors feature a translucent wedge for a “pass/fail” signal during installation, enabling quick, tool-less termination . CFOFC has over 20 years of experience manufacturing fast fiber optic connectors. They provide LC, SC, MPO, and other quick-connect types with precise ceramic ferrules for low signal loss and high return loss. Their connectors are plug-and-play, suitable for FTTH, telecom nodes, LANs, and data centers, and can be customized for fiber type, housing, and packaging. Standard orders ship in about 7 days, while custom orders take 15–30 days. They also offer engineering support and rigorous testing for insertion loss, return loss, and mechanical stability . Corning produces UniCam® high-performance connectors, which are field-installable and fast to terminate. Their mechanical splice technology ensures reliable, cost-effective fiber terminations for high-bandwidth networks, supporting both single-mode and multimode fibers . Shenzhen De You Industrial Co., Ltd. operates a 5,000 m² factory with 150 staff, specializing in fiber optic fast connectors, adapters, attenuators, and jumpers. Their connectors are pre-polished, tool-free, and designed for rapid FTTH deployment, maintaining low insertion loss (≤0.3 dB) and high return loss (≥45 dB). They offer SC, LC, and FC styles, suitable for last-mile connections, network expansion, and maintenance .

Advantages of Fiber Optic Fast Connectors
• Rapid Installation: Typically 1–2 minutes per connector, reducing labor costs and deployment time.

• High Performance: Low insertion loss, high return loss, and stable connections even after repeated use.

• Field-Friendly: Compact, rugged designs suitable for indoor and outdoor environments.

• Customization: Options for fiber type (single-mode OS2, multimode OM3/OM4), connector type, polish (UPC/APC), and jacket material (PVC, LSZH, flexible).

• Versatility: Ideal for FTTH, LAN, data centers, telecom networks, and temporary setups. These manufacturers provide intelligent, reliable solutions for fast, high-density fiber optic connections, supporting both standard and customized network requirements.

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Article Content

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Optix America

With 30 years of fiber optic experience and a continually expanding network of distributor partners and

Fiber Connectors

Leverage our trusted portfolio, expertise and partnerships to design your purpose-build system from our extensive offering including

SENKO Advanced Components, Inc. » Innovative Optical

SENKO specializes in Optical Interconnect solutions which are considered vital components to fiber optic network deployment,

Fiber Optic Fast Connector Manufacturer and Supplier From China

Fiber fast connector is widely used where needed for quick connection, providing a quick assembly and stable performance.

Fiber Optic Fast Connector factory

China Fiber Optic Fast Connector manufacturer, Shenzhen Deyou Industrial Co., Ltd. is Fiber Quick Connector factory,

Fiber Optic Fast Connectors FAQs

Fiber optic fast connectors ease of installation, superior performance, versatility, and cost-effectiveness make them an indispensable

Oumefar 100PCS SC/Embedded Optic Fiber Quick Fast Connector

About this item □EXTENSIVE APPLICATIONS□ : This SC/ embedded optic quick connector is widely used in optical fiber

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

AFL Fast Connect Fiber Optic Connectrs

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AFL Fast Connect Fiber Optic Connectrs Fast Connectors are pre-polished, field installable connectors that eliminate the need for

Fiber Optic Connector Manufacturers

Fiber Optic Connectors are an essential component of any fiber optic network that provides a secure and reliable connection

What is fiber optic fast connector?

Deepblue is a professional fiber optic communication equipment manufacturer specializing

Wholesale Fiber Optic Fast Connectors | Factory Price | YingFeng

Source high-precision Fiber Optic Fast Connectors from a leading manufacturer. Average IL ≤ 0.2dB. SC/APC & LC models in stock

Optical fiber connector

Optical fiber connectors are categorized into single-mode and multimode types based on their distinct

Fast Fiber Optic Connectors |

The Fiber Optic Fast Connector is an essential component that allows for the quick and easy connection of fiber optic cables. At

High Quality Fiber Optic Fast Connector Manufacturers & Suppliers

Optical fiber fast connector is a reusable passive device used to connect two optical fibers or cables to form a continuous optical

Fiber Optic Fast Connector Manufacturer and Supplier From China

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Fiber Optic Fast Connector factory

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Wholesale Fiber Optic Fast Connectors | Factory Price | YingFeng

YingFeng has over 20 years of experience in fiber optic connector manufacturing, and is recognized as a global leader in precision

FAST™ Connector Series | Telecommunication Systems Business Unit

Fujikura FAST™ series is a field-installable optical connector requiring no tools. Compatible with various fiber cables, it delivers low

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Fiber Optic Connectors

With proven field-installable connector technology, fiber terminations are fast, easy, and reliable. Corning high-precision mechanical

48 Fiber Optic Connector Manufacturers in 2026 | Metoree

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

High Speed Fast Connector-OEM Fiber Solutions

CFOFC makes fast fiber optic connectors that are easy to install and very reliable. They are great for

Fiber Optic Connectors and Adapters

As a leading supplier of advanced fiber optic components, Molex has an extensive product offering that includes a full range of

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