

High-speed fusion splicing optical cable equipment manufacturer



Overview

The best splicers offer core alignment, fast splice times, durable designs, and smart features like cloud syncing and automated calibration. We are the world's leading manufacturer of telecoms and specialty application splicers. With over 40 years' experience developing splicing technology, we are renowned for our innovative, high quality fusion splicing equipment. As the official support center for Fitel splicers, OFS. Fusion splicers are essential for creating low-loss, high-performance fiber optic connections in telecom, FTTH, and data center applications. 's Fusion Splicing machines, enjoy the advantage of low insertion loss, high return loss, and superior splice. FiberMASTER S60 and S40 Fusion Splicers offer superior splice performance in as little as 6 seconds. The new Fusion Splicer Series delivers exceptional. AFL proudly supplies and services the premier fusion splicing product line offered in North America-Fujikura's fusion splicing solutions.



Article Content

Jan 22, 2026

Fusion Splicers | Telecommunication Systems Business

We offer a range of equipment necessary for splice various special optical fibers, including polarization-maintaining fibers such as PANDA fiber, thin-diameter

Jun 06, 2026

Fibre Optic Cable Splicing Guide: Techniques and Equipment

Whether you're performing fusion splicing or mechanical splicing, having the right techniques and equipment at your disposal is crucial for achieving seamless and durable

May 28, 2026

Top 5 Fusion Splicers for 2025: Precision Tools for Fiber

An expert resource for selecting the most reliable, accurate, and cost-effective fusion splicers in 2025.

Dec 11, 2025

Fiber Optic Splicing Machine

Find here Fiber Optic Splicing Machine, Splicing Machinery manufacturers, suppliers & exporters in India. Get contact details & address of

May 16, 2026

The FOA Reference For Fiber Optics

Virtually all singlemode splices are fusion. Mechanical splicing is used for temporary restoration and for most multimode splicing. Connectors are used for

Sep 27, 2025

Understanding Fiber Optic Splicing: Techniques and

This article covers two of the basic methods of splicing fiber optic cables- fusion and mechanical - and discusses the tailor-made tools that make

Jul 11, 2025

Fiber Optic Fusion Splicing

To meet bandwidth demands and high-speed application loss requirements, fusion splicing has significantly grown in popularity. The industry has catapulted away from simple cable-to-cable

Jan 07, 2026

Fujikura Fusion Splicing Systems

Superior technology, proven reliability and extraordinary service make Fujikura the world leader in fusion splicing products AFL proudly supplies and services the

Mar 26, 2026

Splicing Machine & OTDR

Manufacturer of Splicing Machine & OTDR - 98S Fujikura Splicing Machine, EXFO 715B Optical Time Domain Reflectometers, Fujikura 72S Splicing Machine and

Sep 30, 2025

Top 100 Fusion Splicer Manufacturers in 2026 | ensun

Diamond SA is a leading manufacturer of fiber optic interconnects, including fusion splice solutions. Their products, which feature patented Active Core Alignment technology, are recognized for their

Oct 01, 2025

Custom Fusion Splicing Factories, Manufacturers

Our advanced equipment is designed to deliver consistent and superior performance, enabling smooth and uninterrupted data transmission, Our Fusion Splicing solutions are engineered to streamline the

Jan 12, 2026

Fiber Fusion Splicers & Processing Equipment

To create splices with high optical quality and mechanical strength, these tools perform a series of tasks, including stripping, cleaning, cleaving, splicing,

Apr 09, 2026

Fibre optic splicing explained – Fujikura Europe

Fibre optic splicing explained Optical fibres are a pillar of modern communication. The world's networks are increasingly built on fibre's ability to transmit data over

Nov 05, 2025

Fusion-splice basics

Fusion splicing is used for joining cables during network installation projects, repairing cables, mounting pre-polished splice-on connectors, and many

Jan 04, 2026

Fiber Optic Fusion Splicers | Silica Communications

Silica Communications specializes in fiber optic communications infrastructure materials, fusion splicing equipment, and test and measurement tools. We pride ourselves in industry leading product

Aug 29, 2025

Custom Best Fusion Splicing Factory, Manufacturer

At Matrix PT Tech Co., Ltd., we specialize in high-quality fusion splicing products tailored for your specific needs. Our factory is equipped with the latest technology to ensure that every product meets

May 05, 2026

Fusion Splicer

Manufacturer of Fusion Splicer - R6 Ultra High-Definition Core to Core Alignment Splicing Machine, R6 Ultra Splicing Machine, FIBER FUSION SPLICER and Fiber Optical Fusion Splicer offered by

Nov 23, 2025

Splicing Fiber Optic Cables | A Beginner's Guide

Fiber splicing is a vital technique in cable maintenance. Knowing how to splice fiber optic cables is key for data communications with superior performance.

Jan 18, 2026

Fujikura Fusion Splicing Systems

AFL Fusion Splicers provide you with the precision and reliability you need to splice your fibers. We offer a wide range of fusion splicers to choose from, including

Nov 10, 2025

Fiber Optic Cable Splicing Machine Suppliers in India

Fusion Splicers are used to connect optical fibers with high precision to ensure data is transmitted reliably anywhere. Fusion splicing machine is a rugged fiber optic cable joint machine with an auto

Apr 27, 2026

Fiber Optic Splicing: A Beginner's Guide – VCELINK

Fiber optic splicing joins two fiber optic cables end to end seamlessly to create a continuous path for light signal, including mechanical and fusion splicing.

Feb 13, 2026

The FOA Reference For Fiber Optics

Many high fiber count cables today are made from ribbons of fibers, usually 12 fibers per ribbon. Splitting all those fibers out to splice individually would be time

Jun 14, 2026

Fiber Optic Fusion Splicing Guide: From Safety to Troubleshooting

Learn Fiber Optic Fusion Splicing: step-by-step guide to safe, precise fiber prep, fusion, and testing for low-loss, high-quality

Apr 18, 2026

Fiber Fusion Splicing

Their fusion splicers feature high-speed splicing, low splice loss, and automatic arc calibration functions, making them ideal for field splicing

May 03, 2026

Fiber Fusion Splicers,Fiber Optic Cleavers,Fiber Optical Equipment

Professional manufacturer of various fusion splicers,fiber cleavers,OTDR and related fiber test equipment,as well as fiber tools. Reliable after-sales service and technical support.

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Fiber Optic Splicing

Fiber Optic Center has fiber optic splicing equipment, including splicers, cleavers, protection sleeves, mechanical splicing tools and more. We distribute fiber optic

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Fiber optic fusion splicer

Find your fiber optic fusion splicer easily amongst the 10 products from the leading brands (DIAMOND, Nanjing-SKYCOM Communications, Hopu Optical, ...) on

Contact Us

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