

# Manufacturer of Automatic Fusion Splicing Equipment for Drop Fiber Optics



## Overview

of Ambler, PA developer and manufacturer of high-performance fiber optic products including automatic fusion splicers, ultraprecision fiber alignment, high voltage fiber end processing, MIL-spec fiber cable splices, connectors for adverse environments, and. Aurora Optics, Inc. has been providing high-quality and highly reliable fusion splicer for over 40 years. To create splices with high optical quality and mechanical strength, these tools perform a series of tasks, including stripping, cleaning, cleaving, splicing, recoating, and. SeikoFire Technology is a professional manufacturer of optical fiber fusion splicers and fiber cleavers. Besides, SeikoFire Technology could also supply palm OTDRs, fiber test instruments, fiber tool kits, FTTH tools, optical fiber cables, etc. The fusion splicer is used for splicing two optical. Aurora Optics introduces Fusion Splicing with two simultaneous views of the fibers on a stylish video monitor, together with the lowest available losses and most accurate splice loss estimates. In just 35 seconds, you will have automatically aligned, gapped and fused two single mode fibers with our. AFL proudly supplies and services the premier fusion splicing product line offered in North America—Fujikura's fusion splicing solutions.

## Article Content

May 18, 2026

### Optical Fiber Fusion Splicer Types (Fusion Splicing)

Here are some guidelines for splicing contractors and technicians. Follow the applicable equipment manufacturer's guidelines for setup and maintenance of all

Oct 19, 2025

### 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

Jun 24, 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

Jun 12, 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

Oct 18, 2025

### Fiber Optic Splicers Information

The primary function of a fiber optic splicer is to fuse, or weld, two optical fibers end to end to with an electric arc. These tools rely on fusion electrodes to complete

Dec 25, 2025

### Aurora Optics, Inc.

Aurora Optics introduces Fusion Splicing with two simultaneous views of the fibers on a stylish video monitor, together with the lowest available losses and most

Sep 22, 2025

### 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.

Jan 26, 2026

Fiber Optic Splicing: A Complete Guide | Jonard Tools

Conclusion Splicing fiber optic cables is both a technical and precise process. The quality of your splice can significantly impact the performance and

Mar 25, 2026

Fujikura Field Fusion Splicing Equipment

AFL, as the exclusive North American supplier, offers a complete line of Fujikura field fusion splicers—from ultra-compact units to fully ruggedized models. Known for

Dec 18, 2025

weunion Fiber Splice Machine AI-9 | Advanced AI

Revolutionize your fiber splicing with the weunion Fiber Splice Machine AI-9 – a cutting-edge solution featuring advanced AI technology for automatic fiber

Dec 28, 2025

Aurora Optics, Inc.

Aurora Optics, Inc. of Ambler, PA developer and manufacturer of high-performance fiber optic products including automatic fusion splicers, ultraprecision fiber

Oct 12, 2025

Fiber Splicing Solutions: Advanced Optical Applications

Fiber splicing is the process of joining optical fibers to create continuous, low-loss optical pathways used in manufacturing, research, and high-performance fiber

Mar 04, 2026

The FOA Reference For Fiber Optics

Follow manufacturer's requirements for servicing. Virtual Hands On, Fusion Splicing Virtual Hands On, Ribbon Splicing Detailed Instructions For Fusion Splicing With

Oct 19, 2025

SeikoFire

SeikoFire Technology is a professional manufacturer of optical fiber fusion splicers and fiber cleavers. Besides, SeikoFire Technology could also supply palm

Jan 01, 2026

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

Apr 23, 2026

Fiber Optic Splicing Machines Manufacturer and

The Aveis fiber fusion splicer machine adopts new technology to build integrally-formed heating elements, which can sustain 10A large electric current heating.

Jan 02, 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

Sep 12, 2025

Fiber Optic Fusion Splicing Guide: From Safety

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

Aug 10, 2025

The FOA Reference For Fiber Optics

Splice-on connectors require a fusion splicing machine, more expensive than the kits for prepolished splice connectors, and some of these connectors only work with

May 31, 2026

Fusion Splicers Demystified: Choosing the Right Model for Your Fibre ...

Learn how to choose the right fusion splicer for your fibre optic projects. Compare core vs cladding alignment, key features, and what matters for performance, speed, and reliability in the field.

May 30, 2026

Weunion Fusion Splicing Guide: Master AI9/AI10

As a leading provider of fiber optic infrastructure, Weunion leverages cutting-edge tools like the AI9 and AI10 fusion splicers, paired with advanced

Apr 20, 2026

Splicing Machine | Fiber Fusion Splicer | Fiber Optics

Experience the GAOTek automatic heating fiber splicing tool, featuring ultra-low splice loss, multiple fusion modes, and a user-friendly touchscreen, designed for precision and adaptability in diverse

Dec 20, 2025

### Fiber Fusion Splicers & Processing Equipment

The GPX Series Glass Processors can splice fibers or end caps and shape fibers into tapers, ball lenses, couplers/combiners, or other kinds of custom terminations.

Nov 04, 2025

### M5 Fiber OFusion Splicer for Precise FTTH Splicing

DESCRIPTION The M5 Fiber Optic Fusion Splicer is an intelligent, fully automatic fusion tool engineered for fast, accurate, and reliable splicing of

## Contact Us

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