Where are the manufacturers of optical fiber fusion splicers in Asia

Overview

Asia is a net producer of optical fiber fusion splicers, with manufacturing concentrated in Japan and China.

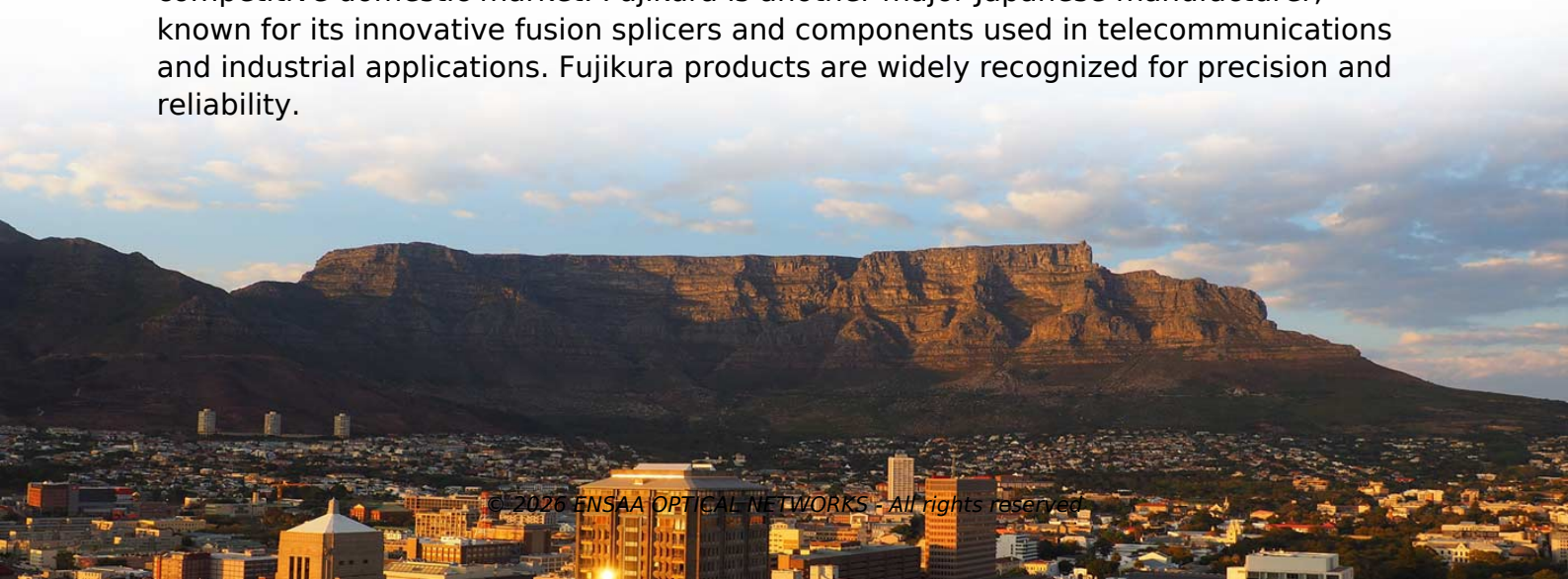
Key Takeaways

Major manufacturers of optical fiber fusion splicers in Asia are located primarily in Japan, South Korea, and China, with leading companies including Sumitomo Electric, Fujikura, JILONG, and emerging Chinese manufacturers.

Japan

Japan is home to several prominent fusion splicer manufacturers. Sumitomo Electric Group is a key player, ranking second globally in fusion splicer sales. The company supplies high-value-added splicers to markets in the United States, Europe, China, and India, targeting both telecommunications carriers and optical fiber network installation subcontractors.

Japan also hosts other business entities producing fusion splicers, contributing to a competitive domestic market. Fujikura is another major Japanese manufacturer, known for its innovative fusion splicers and components used in telecommunications and industrial applications. Fujikura products are widely recognized for precision and reliability.



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South Korea

South Korea has two main manufacturers of fusion splicers. These companies focus on high-quality splicing equipment for domestic and international markets, particularly supporting dense fiber networks and 5G infrastructure.

China

China has a growing number of emerging fusion splicer manufacturers, offering both cost-effective and technologically advanced solutions. Chinese companies are increasingly competitive in the Asia-Pacific market, providing products for large-scale fiber deployments, including broadband and 5G networks.

Other Asia-

Pacific Countries

Countries such as India, Indonesia, and the Philippines are major markets for fusion splicers due to extensive fiber optic infrastructure projects. While local manufacturing is limited, these countries import splicers from Japan, South Korea, and China to support national broadband initiatives and 5G network expansion.

Notable Brands

Sumitomo Electric (Japan): High-value-added splicers for global markets Fujikura (Japan): Innovative and reliable fusion splicers JILONG (China): Offers a range of fiber optic fusion splicers for professional use OFS (South Korea/Global): Provides accurate splicing solutions and technical support for Fitel splicers Market InsightsThe Asia-Pacific region dominates the global fusion splicer market, accounting for over 22% of global revenue. The market is driven by rapid fiber optic deployment for broadband and 5G networks, with core alignment fusion splicers being the most widely used due to their precision and low-loss performance.

Manufacturers are also introducing ruggedized and automated splicers to meet field conditions and high-volume deployment needs. In summary, Japan, South Korea, and China are the primary hubs for fusion splicer manufacturing in Asia, with companies like Sumitomo Electric, Fujikura, and JILONG leading the market, while other countries mainly serve as high-demand markets for these products.

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Article Content

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Asia is a net producer of optical fiber fusion splicers, with manufacturing concentrated in Japan and China. Japan''s production clusters in the Kanto and Kinki regions host advanced

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Japan and China are the two dominant exporters of optical fiber fusion splicers in the Asia-Pacific region, together constituting an estimated 70–80% of regional export value.

Fusion Splicer Market

Telecom carriers generated 43.4% of fusion splicer market demand in 2025, anchored by 5G backhaul and fiber-to-the-home initiatives. The fusion splicer market size related to telecom will

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We have included analysis of top performing countries such as (China, Japan, South Korea, India, Australia, Singapore, Taiwan, South East Asia, Rest of APAC) and their Market

SeikoFire

SeikoFire Technology is the specialized factory of fiber optic fusion splicers and optical fiber cleavers in China. Currently, we also supply OTDRs, power meter, light source, VFL, fiber toolkits, FTTH tools,

Optical Fiber Fusion Splicers for Increasing Data Traffic A way to ...

In Japan, there are three business entities, including the Sumitomo Electric Group, that supply fusion splicers. Outside Japan, only two Korean manufacturers provide fusion splicers, excluding emerging

Fiber Optic Fusion Splicer Manufacturer, PM Fiber Fusion Splicer,

Shinho Optics Limited was founded in 2012, it has dozens of national patents. The core Research and Development team has more than 20 years'' experience in the field.

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 DirectIndustry, the industry specialist for

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Mastering Optical Fiber

Fusion splicing excellence demands precision tools (AI9/AI10, NK3200/NK4000), technical expertise, and rigorous quality control. Weunion''s

The Complete Guide to Fiber Optic Tools: Splicing, Cleaving, and ...

Master your FTTx installations with Weunion''s guide to fiber optic tools. Explore high-precision strippers, cleavers, fusion splicers, and testing gear for 2026. Precision hardware for

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Fiber optic networks are expanding faster than ever, and whether you are running FTTH drops, maintaining backbone connections, or building out data center infrastructure, you need a

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 headquarters, tech focus, and flagship products.

Fiber Optic Pigtail: The Complete Guide to Types,

Confused about fiber optic pigtails—which connector type, which polish, fusion or mechanical splice? Our guide covers LC vs SC, APC vs UPC,

Fiber Optic Pigtail: Types, Splicing Guide, Specs & Price

Fiber optic pigtail guide : SC/APC & LC/UPC connectors, 0.9/2.0/3.0 mm buffers, single-mode and multimode types, fusion splicing steps, price ranges, specifications, and how to

30-year-old JILONG fiber splicing, fiber optic splicer, OTDR, splicing ...

In the early 1990s, the domestic field of optical fiber fusion splicer was blank. At that time, the domestic market was monopolized by imported splicer brands, in order to solve this dilemma, in 1993, the

Basket BAM: The Ultimate Guide to Compatible AC Adapters and

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What Are the Best Practices for Maintaining and Replacing a Basket BAM in Fiber Splicers? Proper maintenance and timely replacement of the basket BAM are essential for ensuring the long-term

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Professional fiber optic cable manufacturer are playing an increasingly crucial role in the era of digitization as the optical cables are an important infrastructure supporting network

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