

## Hollow-core optical cable fusion splicer



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Furukawa Electric and Lightera have introduced a new class of fusion splicer technology designed to support emerging optical fiber types, including hollow-core fibers (HCF) and multi-core ...



Using a fully automated rotational alignment algorithm and a portable 3-electrode arc-discharging fusion splicer, we achieve median splice losses of 0.13 dB between antiresonant hollow-core fibers within ...



Fusion splicer enable splicing of Fiber Optic Cable with low loss and high reliability. For fusion splicer, we offer two types: Core alignment fusion splicer, which bring high performance and functionality, ...



Fully Automatic Multi-core fiber fusion splicer. Dual fiber end imaging patent, direct fiber end face view, more accurate alignment.



This provides exceptional heat control for splicing modern anti-resonant hollow core fibers; the cladding is gradually fused to create a strong splice without disturbing the delicate internal microstructure of ...



The M5 Fiber Optic Fusion Splicer is an intelligent, fully automatic fusion tool engineered for fast, accurate, and reliable splicing of SMF, MMF, DSF, and NZDSF fibers.



Explore advanced fiber splicing solutions for specialty, large-diameter, PM, and complex fiber applications. Precision workflows backed by 3SAE expertise.



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



In this blog, we're going to take a closer look at the Core Alignment Fusion Splicer, the most accurate and advanced splicer in the industry. We'll dive into the specifics of how it works, where it's used, and ...



When it comes to optical fiber fusion splicers, no other company in the world can match Sumitomo Electric Lightwave for innovation, speed, and performance. The entire industry-leading range of ...

## Contact Us

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