Outdoor optical fiber fusion splicer

Fusion splicing is the most widely used method of splicing as it provides for the lowest loss and least reflectance, as well as providing the strongest and most reliable joint between two fibers.

The 915FS touchscreen optical fusion splicer uses active cladding alignment technology which allows the technician to reliably fuse fiber optic cables with low splice losses.

These devices align fiber cores or claddings using electric arc technology, ensuring minimal light scattering or reflection, and are essential for high-performance telecommunications, FTTH (Fiber to ...

Fiber Instrument Sales has a wide variety of fiber optic splicing equipment such as fusion splicers from AFL, Sumitomo, FITEL, and FIS. FIS also splicing tools and accessories such as cleavers, thermal ...

AI-6A+ fiber optic fusion splicer machine features industrial quad-core CPU for fast 8-second splicing, 18-second heating. Budget-friendly fusion splicer kit perfect for beginners, small ...

Explore fusion splicers compatible with single-mode, multi-mode, and specialty fibers. Get machines with rapid splicing and integrated diagnostic tools.

We distribute fiber optic splicing equipment from Corning, AFL, Sumitomo, 3M, 3SAE, Fitel and more.

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.

A fusion splicer is a sophisticated device that permanently joins optical fibers end to end by melting their ends together and forming a complete optical path. This joining process greatly reduces loss of ...

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

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