Small Model Specifications of Optical Cable Fusion Splicer

Article Overview

The MiniMod miniature fusion splicer is a compact, fully automatic 3-axis fiber alignment splicer designed for low-loss, high-yield splicing in confined or adverse environments.

Key Specifications

Size and Weight: The MiniMod measures approximately 2 x 3 x 5 inches (23 cubic inches) and weighs 17 ounces, making it highly portable for field operations in tight spaces or elevated positions . Fiber Alignment and Splicing: It features fully automatic 3-axis PAS (Profile Alignment System) fiber alignment, capable of splicing all silica fibers with diameters from 125 to 140 um. The system includes automatic correction of fiber overlap, fiber end angle measurement, and gross defect detection to ensure consistent low-loss splices . Optical Performance: The splicer provides splice loss estimation using image processing and supports tension proof testing up to 450 grams-force. It offers two simultaneous 80X views of the fibers for precise monitoring . Power and Operation: Operates on 12 volts, compatible with battery belts, vests, or vehicle cigarette lighter plugs, with a peak power of 86 W. The splicer can function in any orientation--horizontal, vertical, sideways, or upside down--and includes automatic altitude sensing and splice compensation . Fiber Handling: Equipped with high-strength fiber holders and a motor-driven automatic fiber feed, the MiniMod minimizes operator skill requirements and allows splicing within one inch of walls or conduits . Data and Control: The electronic controller features an LCD monitor with a 6-button keypad, a 2.5 m umbilical cable for flexible positioning, and memory storage for up to 10,000 splices, including splice images . Durability: The splicer is ruggedized to exceed military specifications, including shock, vibration, and thermal cycling, making it suitable for harsh field conditions . Additional Features: Removable fiber holders simplify fiber preparation, and the compact head allows access to tight cabinets, aerial strands, or confined panels. The system is also suitable for explosion-proof environments when using specialized models like the EPFS X, certified to IEC 60079-0 and IEC 60079-2 standards for hazardous locations . The MiniMod series represents a highly portable, versatile, and reliable solution for field and laboratory fiber optic splicing, combining miniature size with advanced automatic alignment and rugged durability.

Buy STAR FFS-5000 Fiber Optic Fusion Splicer Machine Power & Hand Tool Kit for Rs.170000 online.

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

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

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Aurora Optics, Inc. introduces the world"s smallest hand-held fully automatic 3-axis aligning fusion splicer. With a fusion head no

Best fiber optic fusion splicer machines at fiberoptic.is. Featuring core alignment and automatic fusion splicers for precise telecom

The M5 Fiber Optic Fusion Splicer is an intelligent, fully automatic fusion tool engineered for

The 41R Kit supports splicing from single fibers up to 4-fiber ribbons and is compatible with both SWR and fixed bonded tape fibers.

L3 Fusion Splicer L3 Fusion Splicer is a rugged splicing machine with an auto heater and integrated

The fusion splicer performs optical fiber fusion splicing in two steps. Precisely align the two fibers Generate a small

Signal fire AI-9 Optical Fiber Fusion Splicer, Splicing Heating Machine with 5 Seconds Splicing Time Melting 15 Seconds Heating,

By applying a high-voltage electric arc to melt the end-faces of two optical fibers simultaneously, and utilizing a

Product Model AI-8C Product Description FTTH splicing machine AI-7/8 uses the latest core alignment technology with auto focus

Slim, yet rugged and extremely light, the Swift KF4 enables quick cable to cable, cable to pigtail and cable to splice-on connector

Telecommunication uses Fusion splicer enable splicing of Fiber Optic Cable with low loss and high

dirt/dust and water resistant. The Fusion Splicer employs high-speed image processing and special positioning technology allowing

To ensure a high-quality splice, the fusion splicer generates a small pre-fusion spark to burn

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