Fusion Splicer Signal Fire

Variants

AI-8 AI-9 A9 AI-6 AI-7

Details

Fusion Splicer

This fusion splicer is designed for high-precision fiber optic splicing with fast operation, intelligent control, and multi-function support. Suitable for FTTH, ISP deployment, and backbone fiber installation.

Technical Specifications

Parameter	Specification
Fiber Alignment	Core / Cladding / Manual Alignment
Splicing Time	5 seconds
Heating Time	15 seconds
Heating Mode	Automatic heating (Preheating supported)
Focus Mode	6 motors, auto focus
Applicable Fibers	SM (G.652/G.657), MM (G.651), DS (G.653), NZDS (G.655)
Splice Loss	SM: 0.025 dB, MM: 0.01 dB, DS/NZDS: 0.04 dB
Return Loss	> 60 dB
Control Technology	Real-time ARC calibration and control

Fiber Diameter	Cladding: 80–150 ?m Coating: 100–1000 ?m
Cleave Length	?250 ?m: 8–16 mm 250–1000 ?m: 16 mm
Magnification	300× (single axis), 150× (dual axis)
Display	5-inch TFT color screen
Splicing Mode	Normal / High Precision
Splicing Method	Fully automatic, step-by-step
Storage	Cloud sync supported (mobile/server storage)
Battery	7800 mAh lithium battery Charging ? 3.5 hours ~200 splice & heat cycles
Power Supply	AC 100–240V, 50/60Hz Output DC 13.5V / 4A
Operating Condition	Temperature: -15°C to +50°C Humidity: 95% RH Altitude: 0–5000 m Wind: ?15 m/s
Supported Sleeves	25mm, 40mm, 50mm, 60mm
Protection	Waterproof, dustproof, shock-resistant
Optical Power Meter	Wavelength: 850 / 1300 / 1310 / 1490 / 1550 / 1625 nm Range: -70 to +6 dBm Accuracy: ±0.3 dB (±50 dBm to +3 dBm)
VFL	15mW output, flashing / continuous mode

© 2026 | Phone: +977 9851248419 | Email: info@dtechtrading.com | Website: https://demoshop.com. All rights reserved.