



Precision Rated Optics

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OFS-950R

All-in-One Ribbon Fusion Splicer



The increasingly popular OFS-950R “All-in-One” Ribbon Fusion Splicer has a 12-fiber ribbon holder, and can strip, clean, cleave, splice and sleeve. It is compatible with Splice-On-Connectors, and the Lithium Polymer battery can achieve 320 splicing operations on a single charge.

A built-in thermal stripper eliminates the possibility of scratching the fiber, and the unit is water, dust and shock resistant. The OFS-950R comes standard with 250 μ m and 900 μ m fiber holders and dual sleeve heaters. The compact design eliminates the need for a large work space, and the large, 4.3” LCD touchscreen makes splicing operations fast and efficient.

Sold, serviced and supported in the USA, the OFS-950R is RoHS compliant and comes with a 1-year manufacturer’s warranty, spare electrodes, ribbon holders and a hard carrying case.

SPECIFICATIONS

Applicable Type of Fibers	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655)
Fiber Count	Single Fiber, 2 ~ 12 Fibers
Applicable Fiber Dimensions	Single Cladding Diameter 125 μ m, Single Coating Diameter 250 μ m, 900 μ m Ribbon Cladding Diameter 125 μ m, Ribbon Fiber Thickness 0.27 ~ 0.32mm
Fiber Cleaved Length	8mm
Splicing Modes	100 Splice Modes, 50 Heat Modes
Typical Splice Loss	SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB
Return Loss	> 60dB
Splicing Time	Typically 20 sec with Standard SM (ITU-T G.652)
Sleeve Heating Time	35 sec
Sleeve Lengths	45mm (Fiber), 28mm or 32mm (Connector)
Storage of Splice Results	1,000 Splice Results / 100 Image Results
Tension Tests	2N
Display	4.3.” Color LCD Touchscreen Monitor
Cameras	Dual CMOS
Fiber View and Magnification	X/Y 300X/170X
Ports	USB, External Power
Power Supply	DC 14.8V Lithium Polymer (7,700mAh)
Additional Power (Optional)	DC 12V (Vehicle Accessory Port)
Battery Capacity	320 Splicing/Heating Cycles
Electrode Life	> 1,000 Splicing Operations
Operating Temp.	14° F ~ 122° F (-10° C ~ 50° C)
Storage Temp.	-40° F ~ 176° F (-40° C ~ 80° C)
Environmental Conditions	0 ~ 95% (Humidity), 0 ~ 660m (Altitude), 15mph (Max. Wind Velocity), Non-Condensing, Dust Proof, Shock Proof
Weight & Dimensions (LxWxH)	5.5” x 8.85” x 4.9” / 5 lb (140 x 225 x 125 mm / 2.3 kg)



- 12-Fiber Ribbon Splicing / “All-in-One” Design
- Navigational Touchscreen with 4.3” Color Monitor
- Water, Dust and Shock Resistant
- High-Capacity Lithium Polymer Battery (320 Splicing Operations)
- Compatible with SOC Connectors (Optional)

OFS-950R Standard Package Includes:

Fusion Splicer, Thermal Stripper, Cleave, Alcohol Dispenser, AC Adapter, Sleeve Loader, Spare Electrodes, 250/900 Micron / 12-Ribbon Fiber Holders, Battery Pack, Cooling Tray, Holder, Tool Box, User Manual, Carrying Case

Also Available: Ribbon Holders for 2, 4 or 8-Fiber Ribbon

Ordering Information

OFS-950R	Splicer, Thermal Stripper, Cleave & Alcohol Dispenser
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