

# RFS-94 Mini Fusion Splicer



## Features

- Ultra-low Splice loss
- Small size and low weight
- 7S fast splicing, 26S auto heating
- More than 4000 times electrodes usage
- 4400mAh Li battery pack, 220 cycles splicing and heating
- 3 in 1 multi-function clamps
- New Waterproof structure

## Specifications

Applicable Fibers	SM (G.652), MM (G.651), DS (G.653), NZDS (G.655), others (including G.657)
Average Loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
Return Loss	Better than 60dB
Typical Splicing Time	7S
Heating Time	26S for 60mm and 40mm shrinkable sleeves
Fiber Diameter	Cladding diameter: 80—150 μm; Coating diameter: 160—900 μm
Fiber Cleave Length	10—16mm (coating diameter < 250 μm), 16mm (Coating diameter: 250—1000 μm)
Magnification	X or Y: magnify 250X; X + Y: magnify 125X
Image Display	4.3 inch 480 × 280 color LCD
Tensile Test	1.8—2.2N
Splicing Program	40 groups
Battery Capacity	4400mAh Li battery, typical 220 cycles (splicing and heating)
Electrode Life	Typical 4000 times, and replaceable
External Interface	USB 2.0 port, for uploading splice results and upgrading software
Result Record	4000 results
Power Supply	AC/DC adaptor input: AC 100—240V(50/60HZ), Output: DC 11—13.5V
Working Environment	Temperature: -10°C— +50°C; Humidity: 0—95% RH (40°C non-condensing) Altitude: 0—5000m; Wind speed: max 15m/s
Dimensions	L × W × H = 200 × 123 × 95 (mm)
Weight	1.6kg with battery