

OFS-95EA Optical Fusion Splicer

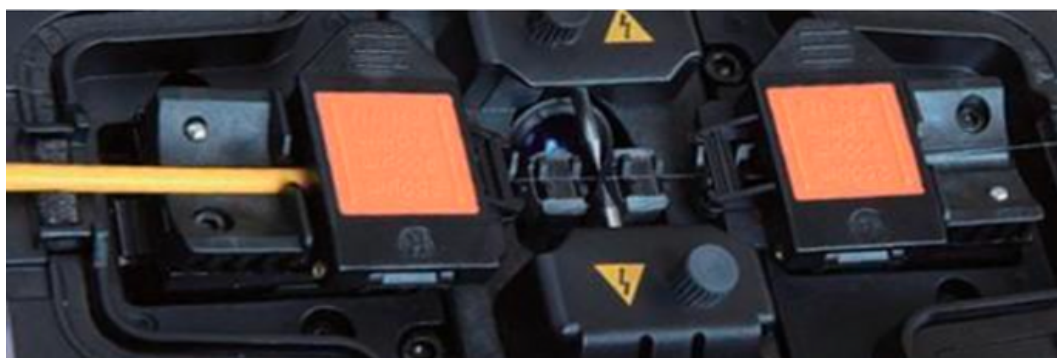
Product Overview

The OFS-95EA Fibre Optic Fusion Splicer is engineered for high flexibility and with 4-motor precision control, providing a splice loss of less than 0.02dB for G.652 fibre. It is equipped with removable universal fibre holders (250µm/900µm/patch cord/FTTx indoor fibre, etc.), a SOC holder, a built-in thermometer, and a barometer, making it versatile for deployment in various environments. With a rapid 7-second startup, 7-second splicing, and automatic heating, the OFS-95EA is an efficient tool for high-volume splicing operations during fibre installation and maintenance.



Features

- ▶ Compact and lightweight: 1.8Kg with battery
- ▶ 4 motors for precise high-quality splicing
- ▶ Supports SMF (G.652), MMF (G.651), DSF (G.653), NZ-DSF (G.655), BIF (G.657), EDF splicing
- ▶ Universal fibre holders for bare fibre, pigtails, patch cords, and FTTH indoor fibre splicing
- ▶ Auto fibre end-face inspection, arc position adjustment, splice loss calculation, and temperature/pressure compensation
- ▶ Auto and manual splicing
- ▶ Splicing time ≤9 seconds, heating time ≤25 seconds (adjustable)
- ▶ Arc counter prompts electrode change upon usage
- ▶ Auto arc optimisation and heating
- ▶ Dual V-groove for perfect fibre alignment
- ▶ X/Y and X+Y display for clear fibre core image
- ▶ Quick-mount battery with power indicator, dust and water splash-proof dock
- ▶ DC output for powering external devices
- ▶ Built-in illumination
- ▶ Wind, dust, rain, and shockproof
- ▶ Auto display flip
- ▶ User-friendly Graphical User Interface
- ▶ Multi-language support
- ▶ Optional password protection and GPS function



Specifications

Model	OFS-95EA
Fibre Type	SMF (G.652), MMF (G.651), DSF (G.653), NZ-DSF (G.655), BIF (G.657), EDF
Protection Sleeve	40mm - 60mm
Splicing Principle	Arc
Alignment	4 Motors Alignment
Splice Control	Auto and Manual Splicing
Arc Optimisation	Yes
Display Mode	X, Y, X+Y
User Interface	Graphical interface, multiple language support
Splice Result	Auto splice result (Loss) calculation and display
Data	10000 splice records (CSV format), 100 screenshots
Data Port	USB, Driver-free
Fibre Diameter	Cladding: 80~150µm, Coating: 100~1000µm
Cleave Length	≤16mm
Splice Loss	MMF ≤ 0.01dB (Typical); SMF/BIF ≤ 0.02dB (Typical); DSF/NZDSF/EDF ≤ 0.04dB(Typical)
Return Loss	>60dB
Splice Time	≤7s
Heating Time	≤25s, Adjustable
Zoom	300x (X or Y)
Electrode Life	≥5000 splices
Tension Test	≥2N
Start-up Time	7s
Power Supply	220V±10%, 50Hz; Rechargeable Lithium Battery
Battery Life	≥200 Splicing and Heating
Charging Time	≤4 hours
Size	125x125x135mm (L x W x H)
Weight	1.8Kg (With Battery)
Work Temperature	-20°C~+55°C
Storage Temperature	-40°C~+70°C
Humidity	≤95% (non-condensing)
Altitude	0 m~5000 m
Wind Speed	≤15 m/s

Configuration

Splicer Unit x 1, fibre Holder x 1 (pair), Lithium Battery x 1, Power adapter x 1, fibre Cleaver x 1, Splicing Tray x 1, USB Cable x 1, Carry Case x 1, Quick Reference

