



# Precision Rated Optics

Work with a PRO!

## OFS-900

### FTTX Fusion Splicer



The Precision Rated Optics OFS-900 Fixed V-Groove Fusion Splicer has been specifically designed and optimized for FTTX applications. Its super-ruggedized rain, dust and shock-resistant design means the OFS-900 can easily tolerate harsh working conditions that could easily disable lesser units.

The ability to accommodate Splice-on-Connectors means you'll work more efficiently. Boasting a 20 Second heat-up time and a 7 Second splicing time, you'll work faster than ever, saving time and money.

Optimized for those working in FTTX applications, the all-new OFS-900 packs a punch, adding huge functionality to your toolbox at an incredibly competitive price point.

- Compact Design for Tight Workspaces
- Applicable for SOC (Splice-on-Connectors)
- Water, Dust and Shock Resistant
- Efficient Two-Heater System
- Competitively Priced

#### SPECIFICATIONS

Fiber Alignment	Fixed V-Groove (Clad-to-Clad)
Cladding Diameter	125 $\mu$ m
Coating Diameter	250 $\mu$ m ~ 900 $\mu$ m
Average Loss Ratio	0.03dB (SM), 0.02dB (MM), 0.06dB (NZDS, DS)
Return Loss	>/= 60dB
Splicing Time	7 sec
Sleeve Heating Time	20 sec (0.9mm), 70 sec (Indoor, 3.0mm)
Sleeve Lengths	60mm / 40mm, 28mm or 32mm (connectors)
Tensile Strength	1.96N
Data Storage	2,000 Splicing Operations
Cables	0.25mm, 0.9mm, 2.0mm, 3.0mm (Indoor Cable)
Power Supply	DC Li-Polymer Battery, 100~240V AC Adaptor
External Power	DC 12V (Vehicle Accessory Jack)
Battery Capacity	1400 mAh (x2)
Battery Lifespan	Typically 140 Cycles (0.9mm fiber)
Operating Conditions	Wind: 15 m/s, Humidity: 0~95%
Operating Temperature	-10 $^{\circ}$ F ~ 122 $^{\circ}$ F (-10 $^{\circ}$ C ~ 50 $^{\circ}$ C)
Storage Temperature	-40 $^{\circ}$ F ~ 176 $^{\circ}$ F (-40 $^{\circ}$ C ~ 80 $^{\circ}$ C)
Weight & Dimensions (LxWxH)	5.5" x 7.04" x 3.4" in / 2.64 lb (140 x 179 x 87mm / 1.2 Kg)
Display & Magnification	Two CMOS cameras and 3.5" color LCD monitor, X/Y: 170X/190X

#### OFS-900 Standard Package Includes:

Fusion Splicer, AC Adapter, Battery Charger, Li-Polymer Battery (x2), 250 $\mu$ m Fiber Holders, Spare Electrode, Cooling Tray, Precision Cleaver, Manual Stripper, SOC Fiber Holder, Manual, Hard Carrying Case, Sleeve Clamp

#### Ordering Information

<b>OFS-900</b>	Fixed V-Groove Splicer
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