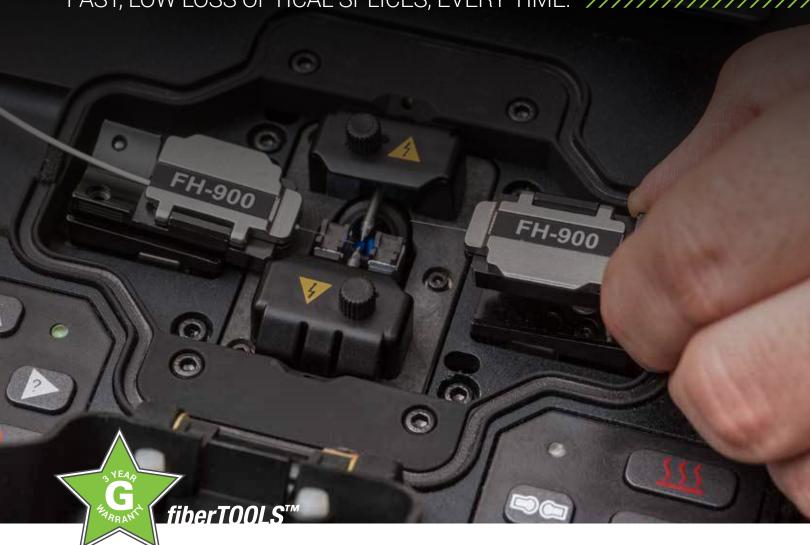


# 910FS OPTICAL FUSION SPLICER



# VERSATILE.

Designed to meet virtually any FTTx installation – indoors and out. P2P installations including backhaul, cellular, and LAN.

## **CORE ALIGNMENT.**

Minimizes splice losses.

## FEATURE PACKED.

Fully compatible with Greenlee® Splice-On Connectors. 250 Splice/ Shrink cycles per battery charge.

FOR PRODUCT VIDEOS, **DEMONSTRATIONS AND MORE VISIT:** http://bit.ly/GreenleeCommsYouTube

### **SPECIFICATIONS**

Applicable Fibers	SM (G.652); MM (G.651); DS (G.653); NZDS (G.655); BIF (G.657)	
Fiber Cleaved Length	10mm	
Cladding Diameter	80 to 150μm	
Coating Diameter	100 to 1000µm	
Fiber Count	Single	
Fiber Aligning Method	Auto Core Alignment	
Splice Loss (Typical)	0.02 dB (SM); 0.01 dB (MM); 0.04 dB (DS); 0.04 dB (NZDS & BIF)	
Splicing Mode	60 Preset / User Definable Modes	
Splice Time (Typical)	9 seconds (SM)	
Number Of Splices Per Battery Charge	250 (including 60mm heat shrink cycle)	
Splice-On-Connector	SC, LC, FC, ST	
Arc Calibration Mode	Automatic and Manual	
Protection Sleeve Length	60mm, 40mm, Micro Sleeves	
Storage Of Splice Results	5,000 Results	
Tension Test	2N	

Fiber Display Magnification	240X	
<b>Tube Heating Mode</b>	20 Preset / User Definable Modes Adjustable 0-240 seconds	
Tube Heating Time (Typical)	24s to 36s	
Attenuator Mode	0.1 to 15 dB	
Electrode Life	4,000 Splices	
Display	5.7" Color, Turn-Over LCD	
Connectivity	RS-232; USB	
Operating Conditions	Pressure: 0 to 16,404 feet (0 to 5,000 meters) above Sea Level Humidity: 0 to 95% Temperature: 14 to 122°F (-10 to 50°C)	
Storage Conditions	Temperature: -4 to 158°F (-20 to 70°C)	
Power Supply	100 to 240V AC Adapter; Li-ion Battery (6600 mAh)	
Weight (Including Battery)	6.92 lbs (3.14 kg)	
Dimensions (HxWxD)	7.08" x 6.29" x 6.10" (180 x 160 x 155 mm)	
Ingress Protection	IP5X	
Drop Tested	80cm onto bottom axis	
Vibration Resistance	10Hz – 500Hz with a spectral density of 0.03g²/Hz	

#### **ORDERING INFORMATION**

CAT NO.	UPC NO.	DESCRIPTION
910FS	01328	Optical Fusion Splicer
910FS-KIT1	01433	Fusion Splicer & Cleaver Kit
910FS-KIT2	01432	Contractor Fusion Splicer Kit
910FS-ELEC	01329	Replacement Electrodes
910FS-PS	01330	Replacement Power Supply
915CL	06864	Optical Fiber Cleaver
915CL-BLADE	07701	Cleaving Wheel
910FS-250	01332	250µm Adapter
910FS-900	01333	900µm Adapter
07388	07388	Universal Adapter Pair
910FS-SOC-SC-LC	01335	Adapter, Splice-On Connector, SC & LC
910FS-SOC-ST-FC	02401	Adapter, Splice-On Connector, ST & FC
910FS-BATT	01452	Battery (910FS)
910FS-EUR-CORD	25719	European Line Cord
910FS-UK-CORD	25702	UK Line Cord
910FS-CHARG	02641	Battery Charger
910FS-CAR-ADAPTER	25689	12 V DC Car Adapter
PA1171	12225	ProGrip 5-in-1 Fiber Optic Stripper
Electrode Cleaner	05245	910FS Electrode Cleaner
910FS-LT	05801	Loose Tube Adapter
910FS-3MM	03245	3mm Adapter
910FS-TRAY	03077	Work Tray

Includes: Optical Fusion Splicer and Optical Fiber Cleaver

910FS-KIT2

Includes: Optical Fusion Splicer, Optical Fiber Cleaver, Fiber Optic Strpper, and an extra battery

#### Every 910FS includes:

- Yellow carrying case
- Work platform adapter
- Tweezers
- Extra set of electrodes
- RS232 cable
- USB cable
- 250um adapters (pair)
- 900um adapters (pair)
- SC/LC SOC Adapter
- Allen key
- Protective LCD cover
- Power supply
- Line cord
- Carrying strap
- Cooling tray
- Battery
- Electrode Cleaner

Optical Fiber Cleaver Kit includes: Cleaver, Dust Bin, Soft carrying case, and allen key

