

# 910FS OPTICAL FUSION SPLICER

FAST, LOW LOSS OPTICAL SPLICES, EVERY TIME. //



## 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.

# 910FS

## OPTICAL FUSION SPLICER

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

### SPECIFICATIONS

<b>Applicable Fibers</b>	SM (G.652); MM (G.651); DS (G.653); NZDS (G.655); BIF (G.657)	<b>Fiber Display Magnification</b>	240X
<b>Fiber Cleaved Length</b>	10mm	<b>Tube Heating Mode</b>	20 Preset / User Definable Modes Adjustable 0-240 seconds
<b>Cladding Diameter</b>	80 to 150µm	<b>Tube Heating Time (Typical)</b>	24s to 36s
<b>Coating Diameter</b>	100 to 1000µm	<b>Attenuator Mode</b>	0.1 to 15 dB
<b>Fiber Count</b>	Single	<b>Electrode Life</b>	4,000 Splices
<b>Fiber Aligning Method</b>	Auto Core Alignment	<b>Display</b>	5.7" Color, Turn-Over LCD
<b>Splice Loss (Typical)</b>	0.02 dB (SM); 0.01 dB (MM); 0.04 dB (DS); 0.04 dB (NZDS & BIF)	<b>Connectivity</b>	RS-232; USB
<b>Splicing Mode</b>	60 Preset / User Definable Modes	<b>Operating Conditions</b>	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)
<b>Splice Time (Typical)</b>	9 seconds (SM)	<b>Storage Conditions</b>	Temperature: -4 to 158°F (-20 to 70°C)
<b>Number Of Splices Per Battery Charge</b>	250 (including 60mm heat shrink cycle)	<b>Power Supply</b>	100 to 240V AC Adapter; Li-ion Battery (6600 mAh)
<b>Splice-On-Connector</b>	SC, LC, FC, ST	<b>Weight (Including Battery)</b>	6.92 lbs (3.14 kg)
<b>Arc Calibration Mode</b>	Automatic and Manual	<b>Dimensions (HxWxD)</b>	7.08" x 6.29" x 6.10" (180 x 160 x 155 mm)
<b>Protection Sleeve Length</b>	60mm, 40mm, Micro Sleeves	<b>Ingress Protection</b>	IP5X
<b>Storage Of Splice Results</b>	5,000 Results	<b>Drop Tested</b>	80cm onto bottom axis
<b>Tension Test</b>	2N	<b>Vibration Resistance</b>	10Hz – 500Hz with a spectral density of 0.03g <sup>2</sup> /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

**910FS-KIT1**  
Includes: Optical Fusion Splicer and Optical Fiber Cleaver

**910FS-KIT2**  
Includes: Optical Fusion Splicer, Optical Fiber Cleaver, Fiber Optic Stripper, 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

