

# 915FS-T

## Optical Fusion Splicer

*The SMALLEST and LIGHTEST Active Cladding Fusion Splicer\**



**SPLICE FIBER THE RIGHT WAY!**

### VERSATILE

Designed to meet virtually any FTTx installation both indoors and out. Can also be used for P2P installations including back-haul, cellular and LAN.

### ACTIVE CLAD ALIGNMENT

Out performs V Groove technology splicers with three axis alignment.

### EXCLUSIVE FEATURE

Splice loose-tube fiber to Greenlee® Splice-On connectors easily with our patented adapter technology and save time and money!

**FAST. ACCURATE. RELIABLE.™**

# 915FS -T

## OPTICAL FUSION SPLICER

### SPECIFICATIONS

Applicable Fibers	SM (G.652); MM (G.651); DS (G.653); NZDS (G.655); BIF (G.657); EDF
Fiber Cleaved Length	10mm
Cladding Diameter	80 to 150µm
Coating Diameter	100 to 1000µm
Fiber Count	Single
Fiber Aligning Method	Active Clad 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
Boot Time	5 seconds
Number Of Splices Per Battery Charge	150 (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
Ingress Protection*	IP5X (Dust); IPX2 (Water)
Storage Of Splice Results	5,000 Results, 100 screenshots
Drop Test	76cm on five axis

Tension Test	2N
Fiber Display Magnification	200X
Tube Heating Mode	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	5,000 Splices
Display	3.5" Color, Turn-Over LCD
Connectivity	USB
Operating Conditions	Pressure: 0 to 16,404 feet (0 to 5,000 meters) above Sea Level Humidity: 0 to 95% Temperature: -13 to 122°F (-25 to 50°C)
Storage Conditions	Temperature: -40 to 140°F (-40 to 60°C)
Power Supply	100 to 240V AC Adapter; Li-ion Battery (4400 mAh)
Weight	3.3lbs (1.5kg) with battery 2.6lbs (1.2kg) no battery
Dimensions (HxWxD)	4.9" x 4.9" x 5.3" (125 x 125 x 135mm)

\* Dust resistance and rain resistance test do not guarantee that the product will not be damaged under these conditions.

### BENEFITS

- Active Clad. Low loss splices.
- Compact. Smallest and lightest Active Clad Fusion Splicer in traditional format with IP52 rating.
- IP52 Ingress Protection Rating. Resistant to dust and water.
- Versatile. Uses the proprietary loose tube adapters for splicing loose tube fibers to splice on connectors.

### ORDERING INFORMATION

ITEM CODE	NO.	DESCRIPTION
52084191 (NPR Catalog Access)	915FS-T	SPLICER 915FS-T
52084347 (FSI Catalog Access)	915CL-T	915CL-T OPTICAL FIBER CLEAVER
52080896 (FSI Catalog Access)	915FS-PS	915FS-PS REPLACEMENT POWER SUPPLY
52063414 (FSI Catalog Access)		REPLACEMENT ELECTRODES
52075841 (FSI Catalog Access)		SPLICER ELECTRODE CLEANER (PAIR)
52066930 (FSI Catalog Access)		12VDC CAR ADAPTER
52080292 (FSI Catalog Access)	915FS-BATT	BATTERY (915FS-BATT)
52064143 (FSI Catalog Access)		ADAPTER 250U (PAIR)
52064142 (FSI Catalog Access)		ADAPTER 900U (PAIR)
52064141 (FSI Catalog Access)		ADAPTER, SPLICE ON CONNECTOR, SC/LC
52076996 (FSI Catalog Access)		LOOSE TUBE ADAPTER (PAIR)
52076413 (FSI Catalog Access)		MID SPAN SLITTER

#### Loose-Tube Adapters Model LT-900



The Greenlee Communications branded proprietary design of the LT-900 loose-tube fiber adapter "is the only tool to use to splice loose-tube fiber to other fiber and splice-on connectors," the company proclaims. "In the past, splicing loose-tube fiber to splice-on connectors wasn't really possible. This patent-pending product securely holds the fiber, and not the loose-tube buffer, allowing the precise alignment of fibers for accurate splicing."

The adapter prevents any "pistonning" when the fibers are being aligned, Greenlee Communications explains. "Pistonning is the action of the 900-micron loose-tube buffer being moved during fiber alignment, but the actual fiber slips inside of the loose-tube buffer. The LT-900 is another example of innovation and Greenlee Communications' goal to support successful process."

#### Every 915FS-T includes:

- 915FS-T Fusion Splicer
- Yellow carrying case
- Tweezers
- Extra set of electrodes
- USB cable
- 250um adapters (pair)
- 900um adapters (pair)
- SC/LC SOC Adapter
- Oven insert
- Allen key
- Power supply
- Line cord
- Carrying strap
- Cooling tray
- Battery
- Electrode Cleaner



#### Every 915CL-T Optical Fiber Cleaver Kit includes:

- 915CL-T Cleaver
- Dust bin
- Fixed clamp with screw (For 900um and 250um)
- Hard carrying case
- Allen key



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