

915FS OPTICAL FUSION SPLICER

TESTING | TROUBLESHOOTING | ACCURACY
Splice Fiber the Right Way!

Product Features:

VERSATILE

Designed to meet virtually any FTx 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.

FAST ACCURATE SPLICING

Seven second splice time with the industry's lowest insertion loss.

Benefits:

- **Active Clad.** Low loss splices
- **IP52 Ingress Protection Rating.** Resistant to dust and water.
- **Compact.** Small and lightweight for the most demanding jobs.
- **Compatible.** Uses the Tempo Communications splice on connector
- **Adaptable.** Splices 200 micron "Micro" fibers.

915FS-KIT1

Includes: 915FS Optical Fusion Splicer and 915CL Optical Fiber Cleaver

915FS-KIT2

Includes: 915FS Optical Fusion Splicer, 915CL Optical Fiber Cleaver, Fiber Optic Stripper, PA1171 and an extra battery

915CL Optical Fiber Cleaver Kit includes: cleaver, dust bin, fixed clamp with screw, hard carrying case, instruction sheet and allen key



Every 915FS includes:

- Black carrying case
- Tweezers
- Extra set of electrodes
- USB cable
- 200/250um adapters (pair)
- 900um adapters (pair)
- Splice on Connector oven insert
- Splice on connector adapter for SC and LC
- Allen key
- Power supply with line cord
- Quick reference card
- Carrying strap
- Cooling tray
- Battery
- Electrode Cleaner



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COMMUNICATIONS

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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)	7 seconds (1)
Boot Time	5 seconds
Number of Splices Per Battery Charge	200 (including 60mm heat shrink cycle) (2)
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) (3)
Storage Of Splice Results	5,000 Results, 100 screenshots
On Board Instruction Manual	Yes

Drop Test	76cm on five axis
Vibration Resistance	10Hz to 500Hz with a spectral density of 0.03g ² /Hz
Tension Test	2N
Fiber Display Magnification	200X
Tube Heating Mode	20 Preset / User Definable Modes Adjustable 0-240 seconds
Tube Heating Time (Typical)	18 seconds (4)
Attenuator Mode	0.1 to 15 dB
Electrode Life	5,000 Splices
Display	5.0" Color Touchscreen LCD
Connectivity	USB
Operating Conditions	Pressure: 0 to 16,404 feet (0 to 5,000 meters) above Sea Level Wind Velocity up to 15m/s 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)

ORDERING INFORMATION:

CAT. NO.	DESCRIPTION
915FS	915FS Optical Fusion Splicer
915FS-KIT1	915FS Fusion Splicer & Cleaver Kit
915FS-KIT2	915FS Contractor Fusion Splicer Kit
01329	Replacement Electrodes
07096	915FS/FS200 Replacement Power Supply
915CL	915CL Optical Fiber Cleaver
01640	Cleaving Wheel
01332	200/250µm Adapter (Pair)
01333	900µm Adapter (Pair)
01335	Adapter, Splice-On Connector, SC & LC
02401	Adapter, Splice-On Connector, ST & FC
03245	3mm Adapter (Pair)
07388	Universal Adapter (Pair)

CAT. NO.	DESCRIPTION
06811	Battery
NA LC	North American Line cord
02571	European Line Cord
02570	UK Line Cord
02568	12 V DC Car Adapter
PA1171	ProGrip 5-in-1 Fiber Optic Stripper
PA1177	ProGrip 3-in-1 Fiber Optic Stripper
PA1162	Economy Fiber Optic Stripper
PA1511	Kevlar Cutter
MSS100	Mid Span Slitter
05245	Splicer Electrode Cleaner (Pair)

- (1) Fast mode.
- (2) 90s/cycle splice time and power save functions activated. Number of cycles may vary depending on battery status and ambient operating conditions.
- (3) Dust resistance and rain resistance test do not guarantee that the product will not be damaged under these conditions.
- (4) Dependent on splice protector used, ambient conditions and assuming that the oven is not cold.

* Specifications subject to change without notice.

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