

915FS Optical Fusion Splicer

Splice Fiber the Right Way!

TESTING | TROUBLESHOOTING | ACCURACY

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 Belden splice on connector

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
- 250um adapters (pair)
- 900um adapters (pair)
- Splice on Connector oven insert
- Splice on connector adapter for SC and LC (FIS)
- Allen key
- Power supply with line cord
- Quick reference card
- Carrying strap
- Cooling tray
- Battery
- Electrode Cleaner



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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 |

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 (FIS) |
| 02141 | Adapter, Splice-On Connector, ST & FC (FIS) |
| 0581 | Loose Tube Adapter (Pair) |
| 03245 | 3mm Adapter (Pair) |
| 07388 | Universal Adapter (Pair) |

Belden SOC Adapter available for use with Belden splice on connectors. Belden part number FXFSSHF3.

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|-----------------------------|---|
| 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 | 3.5" Color, Turn-Over 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) |

| 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 and ambient conditions. Time quoted is with power mode enabled and assuming that the oven is not cold.

* Specifications subject to change without notice.

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