

915FS Optical Fusion Splicer

Splice Fiber the Right Way!

TESTING | TROUBLESHOOTING | ACCURACY

Product Features:

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 Tempo Communications Splice-On connectors easily with our patented adapter technology and save time and money!

Benefits:

- **Active Clad.** Low loss splices
- **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

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, 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)
- SC/LC SOC Adapter
- Splice on Connector oven insert
- Allen key
- Power supply with line cord
- Quick reference card
- Carrying strap
- Cooling tray
- Battery
- Electrode Cleaner

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TC6581 REV 1 12/19

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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

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 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 Replacement Power Supply
915CL	915CL Optical Fiber Cleaver
01640	Cleaving Wheel
01332	250µm Adapter (Pair)
01333	900µm Adapter (Pair)
01335	Adapter, Splice-On Connector, SC & LC
02401	Adapter, Splice-On Connector, ST & FC
ADAPTER, LOOSE TUBE	Loose Tube Adapter (Pair)
03245	3mm Adapter

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
10997	Economy Fiber Optic Stripper
PA1511	Kevlar Cutter
MSS100	Mid Span Slitter
CLEANER, ELECTRODE	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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