

OPTICAL FUSION SPLICER

FSP200

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.

CORE ALIGNMENT

Out performs all other splicing technologies with six motor performance.

EXCLUSIVE FEATURE

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

BENEFITS

- **Core Alignment** Low splice loss Technology for the most complex fiber geometries.
- **Compact.** Small and lightweight for the most demanding jobs.
- **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.



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TC-FSP200 09/19

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FSP200

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:	Core 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

SPECIFICATIONS

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: -4 to +131F (-20 to +55C) Temperature: -40 to +158F
Storage Conditions:	(-40 to +70C)
Power Supply:	100 to 240V AC Adapter; Li-ion Battery (4400 mAh)
Weight:	3.74lbs (1.7kg) with battery
Dimensions (HxWxD):	4.9" x 4.9" x 5.3" (125 x 125 x 135mm)
Vibration Resistance:	10Hz - 500Hz with a spectral density of 0.03g ² /Hz
Password Protection:	Yes

* Dust resistance and rain resistance test do not guarantee that the product will not be damaged under these conditions. Specifications subject to change without notice.

FSP200-KIT1

Includes: FSP200 Optical Fusion Splicer and FCL200 Optical Fiber Cleaver

FCL200-KIT2

Includes: FSP200 Optical Fusion Splicer, FCL200 Optical Fiber Cleaver, Fiber Optic Stripper, and an extra battery.

Every FSP200 includes:

- Yellow carrying case
- Tweezers
- Extra set of electrodes
- USB cable
- 250µm adapters (pair)
- 900µm adapters (pair)
- SC/LC SOC Adapter
- Splice on Connector oven insert

- Allen key
- Power supply
- Line cord
- Carrying strap
- Cooling tray
- Battery
- Electrode Cleaner

FCL200 Optical Fiber Cleaver Kit includes:

Cleaver, dust bin, fixed clamp with screw, hard carrying case, and allen key.

ORDERING INFORMATION:

CAT NO.	DESCRIPTION
FSP200	FSP200 Optical Fusion Splicer
FSP200-KIT1	FSP200 Fusion Splicer & Cleaver Kit
FSP200-KIT2	FSP200 Contractor Fusion Splicer Kit
01329	Replacement Electrodes
07096	FSP200 Replacement Power Supply
FCL200	FCL200 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)

CAT NO.	DESCRIPTION
03245	3mm Adapter
06811	Battery (915FS)
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
M55100	Mid Span Slitter
CLEANER, ELECTRODE	Splicer Electrode Cleaner (Pair)

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