



Fusion Splicing Systems

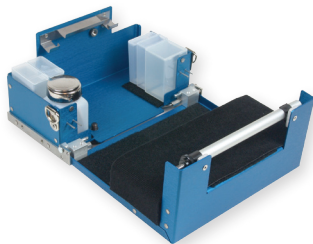


SpliceMate™ FSM-11S Fusion Splicer

SpliceMate (FSM-11) is the world's smallest and most portable fusion splicer and is designed to meet the challenges posed by today's fiber networks. SpliceMate fits in the palm of your hand, yet it's smart and reliable enough to be used with confidence by inexperienced operators.

SpliceMate's advanced intelligence features include two-camera fiber inspection to ensure the splice is right and Auto Arc Calibration...an industry first. It's easy to operate and quickly makes low loss splices with all common types of optical fibers. SpliceMate is available with a variety of powering options including a battery pack and adapters to work with AC or DC power sources.

A workstation, specifically designed for the SpliceMate, is available for simplified splicing in the field. Whether splicing on a pole, in a bucket, or in a neighborhood...SpliceMate is the friend to have along on the job!



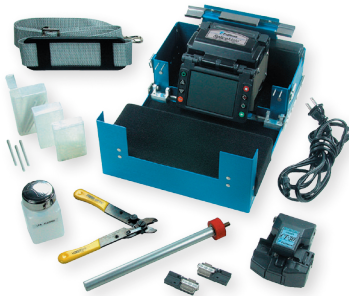
Portable Workstation

Features

- Highly portable
- Dual camera inspection
- 3.5" dual direction monitor
- 40 second tube heater
- Auto arc calibration
- 30 mph wind protector

Specifications

PARAMETER	VALUE
Model	FSM-11S Fusion Splicer
Applicable Fibers	Single-mode (G.652 & G.657), Multimode (G.651), DS (G.653), NZDS (G.655)
Number of Fiber	Single fiber
Cladding Diameter	125 µm
Coating Diameter	250 µm and 900 µm
Typical Average Splice Loss	SMF = 0.05 dB / MMF = 0.02 dB
Splicing Time	15 seconds
Arc Calibration Method	Automatic and manual methods
Splicing Modes (40)	Auto SM / NZ / DS Auto MM SM, MM, NZ-DSF, DSF
Splice Loss Estimate	Based on dual camera inspection
Monitor	3.5", adjustable monitor angle (front or top selectable)
Tube Heating Time	40 seconds
Number of Splice / Heat with Battery	30
Power Supply	AC, DC, Battery
Terminals	USB
Wind Protection	30 mph
Dimensions	110 W x 80 D x 100 H (mm) / 4.33 W x 3.14 D x 3.94 H (inches)
Weight with Battery	0.80 kg / 1.76 lbs.



SpliceMate shown with Portable Workstation

SpliceMate™
HANDHELD FUSION SPLICER

SpliceMate™ FSM-11S Fusion Splicer

Ordering Information

DESCRIPTION	ITEMS INCLUDED	AFL NO.
FSM-11S Fusion Splicer	<ul style="list-style-type: none"> - FSM-11S Fusion Splicer - FH-50-250 Fiber Holders - BTC-04 Battery Charger - BTR-07 Battery - ADC-10 Adapter (for BTC-04) - ACC-09 Power Cord (for ADC-10) - Spare Electrodes (Pair) - Operation Manual - Transit Case 	S013956
FSM-11S Fusion Splicer Kit with Cleaver	<ul style="list-style-type: none"> - FSM-11S Fusion Splicer - CT-30 Cleaver - FH-50-250 Fiber Holders - BTC-04 Battery Charger - BTR-07 Battery - ADC-10 Adapter (for BTC-04) - ACC-09 Power Cord (for ADC-10) - Spare Electrodes (Pair) - Operation Manual - Transit Case 	S013988

Accessories & Supplies

DESCRIPTION	AFL NO.
Cleavers	
CT-30 Cleaver	S014076
FC-02 Fiber Collector	S014092
FDB-02 Fiber Collector Scrap Box	S014104
FDB-03 Large Fiber Collector Scrap Box	S014483
Batteries and Power Cords	
BTC-04 Battery Charger for SpliceMate (charges BTR-07)	S014000
BTR-07 Battery for SpliceMate	S014004
ACC-09 Power Cord (for ADC-10)	S014390
DCA-02 DC Adaptor for SpliceMate (needed for AC operation)	S014008
ADC-10 AC Adapter (for BTC-04)	S012548
Fiber Holders	
FH-50-250 Fiber Holders (250 µm single fiber)	S013800
FH-50-900 Fiber Holders (900 µm single fiber)	S013804
Miscellaneous	
SpliceMate Portable Workstation	S014052
NID Mounting Kit	S014108
LC-01 Leather Case for SpliceMate	S014024
Electrodes: FSM-11S/R	S014028
Data Download Software	S014415
CC-17 Transit Case for SpliceMate	S013984

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