



SpliceMate™ FSM-11R 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 insure 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 up to 4-fiber ribbons. 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



SpliceMate shown with Portable Workstation

Specifications

PARAMETER	VALUE
Model	FSM-11R Fusion Splicer
Applicable Fibers	SMF, MMF, NZ-DSF, DSF
Number of Fiber	Up to 4-fiber ribbon
Cladding Diameter	125µm
Typical Average Splice Loss	SMF = 0.05dB / MMF = 0.02dB
Splicing Time	20 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	110W x 80D x 100H (mm) / 4.33W x 3.14D x 3.94H (inches)
Weight with Battery	0.80kg / 1.76 lbs.

SpliceMate™
HANDHELD FUSION SPLICER

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Ordering Information

ITEM NUMBER	DESCRIPTION	ITEMS INCLUDED
S013960*	FSM-11R Fusion Splicer Kit	<ul style="list-style-type: none"> - FSM-11R Fusion Splicer - FH-50-4 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
S013992*	FSM-11R Fusion Splicer Kit with Cleaver	<ul style="list-style-type: none"> - FSM-11R Fusion Splicer - CT-30 Cleaver - FH-50-4 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 - HJS-03 Battery Powered Hot Jacket Stripper

* The DCA-02 is required for AC operation and can be purchased separately.

Accessories & Supplies

CLEAVERS	
S014076	CT-30 Cleaver
S014092	FC-02 Fiber Collector
S014104	FDB-02 Fiber Collector Scrap Box
S014483	FDB-03 Large Fiber Collector Scrap Box

POWER AND CORDS	
S014000	BTC-04 Battery Charger for SpliceMate (charges BTR-07)
S014004	BTR-07 Battery for SpliceMate
S014008	DCA-02 DC Adaptor for SpliceMate (needed for AC operation)
S012548	ADC-10 AC Adapter (for BTC-04)
S014390	ACC-09 Power Cord (for ADC-10)

MISCELLANEOUS	
S013800	FH-50-250 Fiber Holders (250µm single fiber)
S013804	FH-50-900 Fiber Holders (900µm single fiber)
S013812	FH-50-4 Fiber Holders
S013808	FH-50-2 Fiber Holders
S014052	SpliceMate Portable Workstation
S014108	NID Mounting Kit
S013996	HJS-03 Battery Powered Hot Jacket Stripper
S014024	LC-01 Leather Case for SpliceMate
S014028	Electrodes: FSM-11S/R
S002111	FAT-02 Fiber Arrangement Tool
S010212	FAT-04 Fiber Arrangement Tool
S008720	FAA-03 Ribbon Forming Adhesive (4 oz. bottle)
S008622	FAA-03 Ribbon Forming Adhesive (0.5 liter bottle)
S014415	Data Download Software

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