

## AFL Fusion Splicers



### FSM-60S

#### Single Fiber Core Alignment Fusion Splicer

The FSM-60S Fusion Splicer sets the standard for core alignment fusion splicing by incorporating a user-friendly interface with enhanced features to provide the most rugged and reliable fusion splicer in the market today. The new rugged construction adds improved reliability by resisting shock, dust, and rain, and can withstand a 30" drop test.

The FSM-60S splices a fiber in 9 seconds and heats a 60mm splice sleeve in 30 seconds, for a total cycle time of only 39 seconds. New features, such as automatic tube heater operation, user-selectable clamping method (sheath clamp or fiber holder system), automated monitor image orientation, and battery charge capability during splicer operation provide the end user a productivity tool they can count on.



### FSM-60R

#### 12-Fiber Ribbon V-Groove Alignment Fusion Splicer

The FSM-60R12 Fusion Splicer offers unmatched versatility and reliability. The new ribbon splicer withstands a drop test of up to 30" and continues to splice. And enhanced, robust features enable the FSM-60R12 to resist shock, dust, and rain so that unfortunate environmental conditions do not negatively impact productivity.



### FSM-18S

#### Single Fiber V-Groove Alignment Fusion Splicer

The FSM-18S Fusion Splicer is a low cost, fixed V-groove, single fiber fusion splicer with the same robust features offered in other high end models. The new rugged construction adds improved reliability by resisting shock, dust, and rain, and withstands a 30" drop test.



### FSM-18R

#### 4-Fiber Ribbon V-Groove Alignment Fusion Splicer

The FSM-18R Fusion Splicer is a 4-fiber ribbon splicer with similar versatility and robust nature of the Fujikura 12-fiber ribbon splicer. Well-suited for FTtx or LAN applications, the FSM-18R fusion splicer can splice up to 4 fibers, as well as, single fibers. The enhanced robust features provide resistance to shock, dust, and rain to minimize downtime and improve operational performance and withstands a 30" drop test.



### FSM-11 SpliceMate Series

#### 11S Single Fiber / 11R 4-Fiber Ribbon / 11R D900 2 Fiber V-Groove Alignment Fusion Splicer

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

SpliceMate's advanced intelligence features include dual-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. The SpliceMate is available with a variety of powering options including a battery pack and adapters to work with AC or DC power sources.

The SpliceMate D900 has a unique design that significantly improves installation and repair operations for any 900µm application. Ideally suited for tactical fiber optic cable assemblies' (TFOCA) repair needs, the D900 is the industry-standard for simultaneously splicing two 900µm optical fibers. Its user-friendly graphical interface and automated features make it suitable for those with limited splicing experience.

## AFL Fusion Splicers

### Ordering Information

Series	Splicer	w/ Cleaver	w/ Cleaver & Battery
FSM-60S	S014531	S014532	S014562
FSM-60R12	S014533	S014534	S014563
FSM-18S	S014527	S014528	S014560
FSM-18R	S014529	S014530	S014561
FSM-11S	S013956	--	S013988
FSM-11R	S013960	S013992	--
FSM-11R D900	S014112	S014116	--

### Fiber Holders (pairs)

Part Number	Description	Part Number	Description
For FSM-60S & FSM-18S Splicers			
S014548	FH-60-250 250um single fiber Holder	S014549	FH-60-900 900um single fiber Holder
For FSM-60R, FSM-18R & FSM-11S/R Splicers			
S013800	FH-50-250 250um single fiber	S013804	FH-50-900 900um single fiber
S013808	FH-50-2 2 Fiber	S013812	FH-50-4 4 Fiber
S013816	FH-50-6 6 Fiber	S013820	FH-50-8 8 Fiber Holder
S013824	FH-50-10 10 Fiber Holders	S013828	FH-50-12 12 Fiber Holders

### Miscellaneous

Part Number	Description	Part Number	Description
For FSM-60S/R & FSM-18S/R Splicers			
S014535	ADC-13 AC Adapter	S014540	BTR-08 Battery (160 splice/heat cycles)
S014541	DCC-14 Power Cord (connects ADC-13 to BTR-08)	S013552	DCC-12 Power Cord (connects ADC-11 to cigarette lighter)
S013556	DCC-13 Power Cord (connects ADC-11 to alligator clips)	S010532	ASW-02 Aerial Workstation
S014537	JP-05 Splice Cooling Tray	S014555	LLC MGS-06 Magnifier (with bracket)
S014557	FSM-18S Transit Case	S014556	FSM-18R Transit Case
S014559	FSM-60S Transit Case	S014558	FSM-60R12 Transit Case
S013532	Electrodes (pair)		
For FSM-11S/R SpliceMate Splicers			
S014000	BTC-04 Battery Charger (charges BTR-07)	S014004	BTR-07 Battery
S014008	DCA-02 DC Adaptor (needed for AC operation)	S012548	ADC-10 AC Adapter
S014052	Portable Workstation	S014108	Aerial Mounting Kit
S014024	LC-01 Leather Case	S013984	Transit Case
S014028	Electrodes (pair)		