



SpliceMate shown with kit.

## SpliceMate™

HANDHELD FUSION SPLICER

### SpliceMate™ (FSM-11R & 11S Fusion Splicers)

SpliceMate™, the world's smallest and most portable fusion splicer, is designed to meet the challenges posed by today's fiber networks. Although small enough to fit in the palm of your hand, it's smart and reliable enough to be used with confidence by inexperienced operators. The SpliceMate's advanced intelligence features include two-camera fiber inspection to ensure the splice is right, and Auto Arc Calibration, a industry first. It's easy to operate and quickly makes low loss splices with all common types of optical fibers and 4 fiber ribbons. The SpliceMate is available with a variety of powering options including a battery pack or adapters to work with AC or DC power.

A work station is also available for simplified splicing in the field, regardless of whether splicing is needed on a pole, in a bucket, or in tight quarters in a neighborhood.

#### features

- Highly Portable
- Dual Camera Inspection
- 3.5" Dual Direction Monitor
- Single or 4 Fiber Version Available
- 40 sec. Tube Heater
- Auto Arc Calibration
- 30 MPH Wind Protector

#### specifications

PARAMETER	VALUE
Model	FSM-11R Fusion Splicer FSM-11S Fusion Splicer
Applicable Fibers	SMF, MMF, NZ-DSF, DSF
Number of Fiber	Single Fiber (FSM-11S) / 1-4 Fiber Ribbon (FSM-11R)
Cladding Diameter	125 µm
Coating Diameter	250 & 900 µm
Typical Average Splice Loss	SMF, 0.05 dB, MMF, 0.02 dB
Splicing Time	FSM-11R (20 sec.) / FSM-11S (11 sec.)
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 sec.
No. of Splice/heat With Battery	30
Power Supply	AC, DC, Battery
Terminals	USB
Wind Protection	30 mph
Dimensions	110mm x 80mm x 100mm
Weight with Battery	0.80kg

\*Ordering information listed on back.



ordering information

SpliceMate™ - FSM-11R (4-Fiber Ribbon Version)

FSM-11R Splicer

ITEM NUMBER	DESCRIPTION
S013960	FSM-11R Fusion Splicer
(Included with the Splicer)	<ul style="list-style-type: none"> <li>- FSM-11R Fusion Splicer</li> <li>- FH-50-4 Fiber Holders</li> <li>- BTC-04 Battery Charger</li> <li>- BTR-07 Battery</li> <li>- Spare Electrodes (Pair)</li> <li>- Operation Manual</li> <li>- Transit Case</li> </ul>

FSM-11R Splicer Kit

ITEM NUMBER	DESCRIPTION
S013992	FSM-11R Fusion Splicer Kit
(Included in the kit)	<ul style="list-style-type: none"> <li>- FSM-11R Fusion Splicer</li> <li>- FH-50-4 Fiber Holders</li> <li>- BTC-04 Battery Charger</li> <li>- BTR-07 Battery</li> <li>- Spare Electrodes (Pair)</li> <li>- Operation Manual</li> <li>- Transit Case</li> <li>- CT-20 Cleaver</li> <li>- FC-01 Fiber Collector</li> <li>- HJS-03 Battery Powered Hot Jacket Stripper</li> </ul>

SpliceMate™ - FSM-11S (Single Fiber Version)

FSM-11S Splicer

ITEM NUMBER	DESCRIPTION
S013956	FSM-11S Fusion Splicer
(Included with the Splicer)	<ul style="list-style-type: none"> <li>- FSM-11S Fusion Splicer</li> <li>- FH-50-250 Fiber Holders</li> <li>- BTC-04 Battery Charger</li> <li>- BTR-07 Battery</li> <li>- Spare Electrodes (Pair)</li> <li>- Operation Manual</li> <li>- Transit Case</li> </ul>

FSM-11S Splicer Kit

ITEM NUMBER	DESCRIPTION
S013988	FSM-11S Fusion Splicer Kit
(Included with the kit)	<ul style="list-style-type: none"> <li>- FSM-11S Fusion Splicer</li> <li>- FH-50-250 Fiber Holders</li> <li>- BTC-04 Battery Charger</li> <li>- BTR-07 Battery</li> <li>- Spare Electrodes (Pair)</li> <li>- Operation Manual</li> <li>- Transit Case</li> <li>- CT-20 Cleaver</li> </ul>

Accessories & Supplies

CLEAVERS		
S012736	CT-20 Cleaver	Both FSM-11R & FSM-11S
S013236	CT-20 Cleaver with FC-01 Fiber Collector	Both FSM-11R & FSM-11S
S012760	FC-01 (CT-20 Series Fiber Collector System)	Both FSM-11R & FSM-11S
POWER AND CORDS		
S014000	BTC-04 Battery Charger for SpliceMate (charges BTR-07)	Both FSM-11R & FSM-11S
S014004	BTR-07 Battery for SpliceMate	Both FSM-11R & FSM-11S
S014008	DCA-02 DC Adaptor for SpliceMate (needed for AC operation)	Both FSM-11R & FSM-11S
S012548	ADC-10 AC Adapter (SpliceMate and the 40F/PM)	Both FSM-11R & FSM-11S
MISCELLANEOUS		
S013800	FH-50-250 Fiber Holders (250 micron-single fiber)	Both FSM-11R & FSM-11S
S013804	FH-50-900 Fiber Holders (900 micron-single fiber)	Both FSM-11R & FSM-11S
S013812	FH-50-4 Fiber Holders	FSM-11R Only
S013808	FH-50-2 Fiber Holders	FSM-11R Only
Coming Soon	SpliceMate Portable Workstation	Both FSM-11R & FSM-11S
S013996	HJS-03 Battery Powered Hot Jacket Stripper (includes DCC-11 cord)	FSM-11R Only
S014024	LC-01 Leather Case for SpliceMate	Both FSM-11R & FSM-11S
S014028	Electrodes: FSM-11S/R	Both FSM-11R & FSM-11S