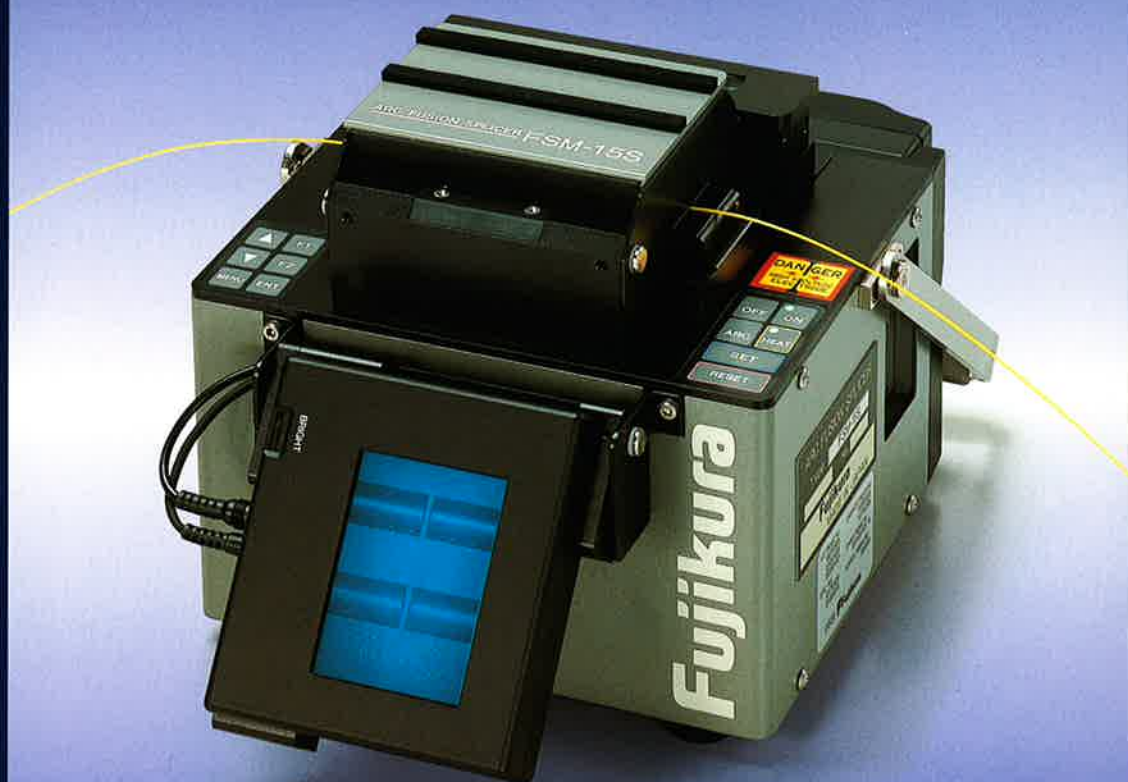


FSM-15S-A FSM-15S-B

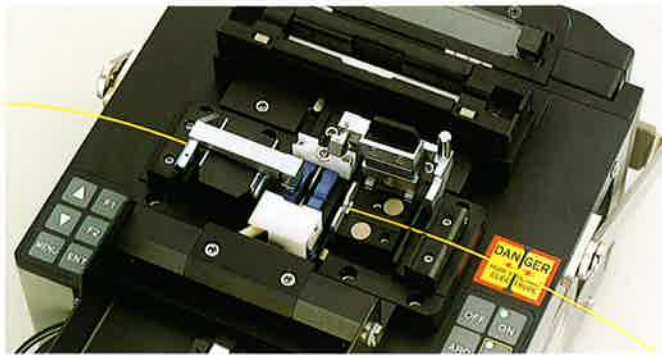
Single Fiber Fusion Splicer



FEATURES

- *Ideal balance of both performance and cost effectiveness*
- *Fully automatic with loss estimation*
- *Excellent ergonomics*
- *Very best for FITL (Fiber-In-The-Loop) and FTTC (Fiber-To-The-Curb)*
- *Various powering options ensure utility anywhere*
- *Automatic altitude/atmospheric pressure compensation*
- *Operator friendly and easy to use*

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The careful ergonomic design of the FSM-15S includes the use of large, deep precision V-grooves which ensure that it is easy to load the fibers into the splicer in field conditions.



The BTR-02 Battery charged with the BTC-01 Battery Charger, the optional BTA-01 Camcorder Battery Adapter or the optional ADC-06 AC/DC converter clip onto the rear of the splicer, providing versatility and convenience.

SPECIFICATIONS

● Applicable Fibers:	SM (Single Mode), GI (Graded Index) and DS (Dispersion Shifted) fibers complying with ITU-T (CCITT) Recommendations G.652, G651 and G.653 respectively
● Applicable Fiber Coating Diameters:	250 and/or 900 microns
● No. of Fibers to be Spliced:	single fiber to single fiber
● Splice Loss:	0.05 dB typical with SM fiber, 0.03 dB typical with GI fiber and 0.08 dB typical with DS fiber, when fiber cleave angles are less than or equal to one degree
● Return Loss:	>> 60 dB
● Cleave Fiber Length:	8 to 16 mm each
● Viewing Angle:	both X and Y axes simultaneously
● Magnification of Fiber:	100X
● Viewing Method:	CCD camera and LCD monitor
● Monitor Position:	on the front panel of the FSM-15S-A splicer suitable for taut splice or on the top panel of the FSM-15S-B splicer
● Splice Loss Estimation to be Made on:	SM, GI and DS fibers
● No. of Splicing Programs:	30 (10 for SM, 10 for GI and 10 for DS fibers respectively)
● Splice Result Storage:	last 100 splices
● Altitude Compensation:	0 to 3500 meters above sea level
● Mechanical Proof Test on Spliced Fiber:	200 grams (1/2 LB. or 23 KPSI) standard unless otherwise ordered or 450 grams (1LB. or 50KPSI) optional
● Applicable Splice Protector:	conventional 60 mm length heat-shrinkable splice protector, or alternatively 40 mm length protector using the SPA-40 40mm Splice Protector Adapter
● Power Supply:	12 Vd.c from the BTR-02 Field Replaceable Battery charged with the BTC-01 Battery Charger (85 to 265 Va.c), external DC, or directly from AC(85 to 265 Va.c) using the ADC-06 AC/DC Converter
● Dimensions WxDxH:	180×162×110mm(7.09×6.38×4.33inch) Splicer without battery 180×186×110mm(7.09×7.32×4.33inch) Splicer with battery
● Weight:	4.1kg(9.1LB) Splicer without battery 5.1kg(11.3LB) Splicer with battery
● No. of Fusion Splices and Heat Shrunken Splice Protectors:	Approx. 30 times

ITEMS INCLUDED WITH THE FSM-15S SPLICER KIT

Item	Description	Model No.	Q'ty
(1)	Single Fiber Fusion Splicer	FSM-15S-A or FSM-15S-B	1 pc
(2)	FRP Carrying Case	-	1 pc
(3)	Field Replaceable Battery	BTR-02	1 pc
(4)	Battery Charger	BTC-01	1 pc
(5)	Instruction Manual	-	1 pc
(6)	Spare Fuse	-	1 pc
(7)	Spare Electrode	-	1 pair
(8)	Tool set	-	1 set
(9)	60 mm Splice Protector Adapter	SPA-60	1 pair

Note) An ADC-06 AC/DC converter and a pair of SPA-40 40mm splice protector adapter may be included, when distributed by Alcoa Fujikura Ltd. in USA.

OPTIONAL ACCESSORIES

Description	Model No.
Field Replaceable Battery	BTR-02
Camcorder Battery Adapter (No Camcorder included)	BTA-01
AC/DC Converter	ADC-06
40 mm Splice Protector Adapter (1 pair)	SPA-40
Splice Protector	FP-3
Primary Coat Stripper	PS-02
Nylon Jacket Stripper	JS-01
High Precision Fiber Cleaver	CT-03/04/07/103/104/107
Handy Fiber Cleaver (Stapler Type)	CT-02
Fiber Cleaner (NEW PRODUCT)	FCL-01
Alcohol Dispenser	HR-1

Specifications and descriptions are subject to change without prior notice.

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