Fujikura FSM-16S Specs
Provided by www.AAATesters.com

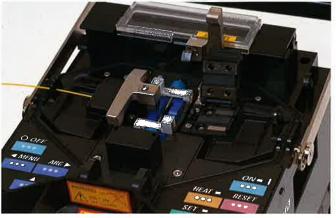
FSM-16S Single Fiber Fusion Splicer



FEATURES

- Clad-to-clad alignment with precise V-groove
- Compact and lightweight
- Fully automatic operation with loss estimation
- Various powering options
- High resolution 5 inches LCD monitor provided
- X & Y fiber observed simultaneously
- Clean NiMH Battery







Top View

Accessories

SPECIFICATIONS		
Applicable Fibers :	SM(Singlemode), GI(Graded Index), and DS(Dispersion Shifted) fibers Complying with ITU-T (CCITT) Recommendations G,652, G651 and G653 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	
Cleaved Fiber Length:	8 to 16 mm	
Viewing Angle	Both X and Y axes simultaneously	
Magnification of Fiber:	110X	
Viewing Method:	CCD camera and 5" LCD monitor	
Splice Loss Estimation to be made on :	SM, GI and DS fibers	
No. of Splicing Programs:	30 including 3 factory settings	
Splice Result Storage :	Last 300 splices	
Altitude Compensation :	O to 3500 meters above sea level	
Mechanical Proof Test on spliced Fiber :	2N	
Applicable Splice Protector:	60 mm and 40 mm length heat-shrinkable splice protector	
Power Supply :	12 Vd.c with BTR-05, 85 to 265 Va.c using ADC-07	
Dimensions WxDxH :	150×150×150 mm (without Monitor)	
Weight:	3.0kg including battery, BTR-05	
No. of Fusion Splices and Heat Shrunk Splice Protectors with BTR-05 :	Approx. 30 times	
Max Wind Velocity:	15 m/s	
Splice Time:	Typical 25 sec.	

ITEMS INCLUDED WITH THE FSM-16S SPLICER KIT				
Item	Description	Model No.	Q"ty	
(1)	Single Fiber Fusion Splicer	FSM-16S	1 pc	
(2)	FRP Carrying Case	CC-01-16S	1 pc	
(3)	Field Replaced Battery	BTR-05	1 pc	
(4)	Battery Charger/AC adapter	ADC-07	1 pc	
(5)	Instruction Manual(English)	38	1 pc	
(6)	DC cord(for charging battery)	DCC-08	1 pc	
(7)	Spare Electrode	ELCT2-16	1 pair	
(8)	AC cord	•	1 pc	

OPTIONAL ACCESSORIES		
Description	Model No.	
Splice Protector(60 mm)	FP-3	
Splice Protector(40 mm)	FP-3(40)	
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	
Alcohol Dispenser	HR-1	
Top Cover	TC-01-16SA	
Magnifier	MGS-03	
J plate	JP-02A	

Specifications and descriptions are subject to change without prior notice.

Fujikura Ltd. 1-5-1, Kiba, Koto-ku, Tokyo 135-8512, Japan Phone: (03)5606-1534 Telex: 246-6655 FIWCCS J Fujikura Europe Ltd. C51 Barwell Business Park, Leatherhead Road, Chessington, Surrey KT9 2NY, UK Phone: (0181)240-2000 Fax: (0181)240-2010 Alcoa Fujikura Ltd. Telecommunications Division 150, Ridgeview Circle, Duncan, SC29334, USA Phone: 1-800-AFL-FIBER Fax: (864)433-5353 Fujikura Asia Ltd. 460 Alexandra Road #22-01 PSA Bldg., Singapore 119963 Tel: 2711311 Fax: 2736532