

S121A Fusion Splicer
April, 2003

FITEL

S121A FTTH Fusion Splicer

An entirely new concept in fusion splicing developed for "last mile" applications, FTT(x), and LAN/WAN connectivity.



Key Features

- **Compact, Light-Weight Body**
- **Superb Portability**
- **High-End Performance with Super Low Cost**
- **Fiber Holder Design for Greater Ease and Consistency**
- **Clear View of the Spliced Fibers**

Specifications

Splicing Method:	Clad Alignment, Fixed V-Groove
Fiber Type:	Single Mode, Multi-Mode (single strand fibers only)
Average Loss:	SM: 0.1dB; MM: 0.06dB
Coating Diameter:	250µm or 900µm
Cladding Diameter:	125µm
Splice Time:	13 seconds
Heat Shrink Time:	120 seconds
Sleeve Length:	40mm
Splice Programs:	2 pre-installed, 1 programmable
Splice Tension Test:	1.95N (200 grams)
Dimensions:	140 W x 206 D x 96 H (mm) [5.5" W x 8" D x 3.7"H]
Weight:	Main Body: 960 grams (2.2 lbs); Battery: 170 grams (8 oz.)
Monitor:	2.5 inch color LCD
AC Input:	100~240V
DC Input:	DC12~17 (Li-ion battery)
Battery Capacity:	50 splices without heat shrink protection or 30 splices with heat shrink protection
Operating Temperature:	-10° to 50°C (without excessive humidity)

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S121A Standard Package

Description	Model Number	Quantity
Splicer Body	S121-X-A-0001	1
Battery	S943	1
Soft Carrying Case	S121-X-A-0002	1
Strap	S121-X-A-0008	1
250µm Fiber Holders	S709S-250	1 pair
AC Adaptor	S957	1
Battery Recharger	S958	1
Extra Electrodes	S963	1 pair
Manual	S121-X-A-0006	1
Electrode Cleaning Disk	-	1

S121A Optional Accessories

Description	Model Number	Quantity
Heat Shrink Oven	S121-X-A-0003	1
Tool for ULTRAsleeve®	S121-X-A-0004	1
Hard Carrying Case	S121-X-A-0005	1
AC/DC Adapter	S959	1
900µm Fiber Holders	S709S-900	1 pair
Extra Battery	S943	1
Extra Electrodes	S963	1 pair
Precision Cleaver	S323B	1
Field Cleaver	S315	1
Miller Stripper®	S211	1
40mm Heat Shrink Sleeves	S922F-40mm	50/pack
40mm ULTRAsleeve®	S991A40	25/pack
60mm ULTRAsleeve®	S991A60	25/pack



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