

## Fusion Splicer Accessories and Consumables



### S42X Fusion Splicer Tool Kits

The S42X Series Fusion Splicer Tool Kit contains all of the necessary tools required for optical fusion splicing in a rugged carrying case. The durable carrying case features separate compartments for organizing tools and consumables.

Standard Package				
P/N	Model			Quantity
	S422	S423	S424	
S210 Single Fiber Stripper	○	○	○	1
Carrying case	○	○	○	1
250 cc Polyethylene bottle with siphon	○	○	○	1
Cleaning cotton for optical fiber	○	○	○	1
Cotton stick for cleaning V-groove, lens, mirror	○	○	○	1
Blower brush for cleaning V-groove, lens, mirror	○	○	○	1
Precision screw driver set and hexagonal wrench set	○	○	○	1
Electrode sharpener	○	○	○	2
S310 Single Fiber Cleaver	○			1
S325A High Precision Cleaver		○	○	1
S218R Thermal Stripper			○	1



### S220A Optical Ribbon Fiber Separator

Designed to initiate separating 2 to 12-fiber ribbons into single fibers. After shaving with S220A, the ribbon fiber can be easily separated by fingers into single fibers. Compact carrying case included as standard.

Applicable Optical Fiber	
2 to 12 fiber ribbons with the thickness of 0.30 ~ 0.40 mm	
Dimensions	55W×30D×42H mm

Standard Package		
P/N	Description	Quantity
S220A	Fiber Separator	1
FTS-B013	User's Manual	1

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## S233 Optical Ribbon Fiber Splitter

FITEL S233 Ribbon Splitter splits 4, 8, 12, and 24-fiber ribbons more easily, quickly, and accurately than ever before! Another great FITEL fusion splicing accessory from OFS!

### Features

- Small, simple, and compact design for field use.
- All-metal body for maximum durability.
- Interchangeable fiber guides for different ribbon sizes.
- No tools required to change fiber guides



Applicable Optical Fiber	
125 μm cladding diameter; 4 / 8 / 12 / 24-fiber ribbons; 0.25 mm pitch; 0.30 to 0.40 mm thickness; UV-cured acrylic resin coating*	
Dimensions	115W×20D×20H mm
Weight	95 g
* S233 may not work satisfactorily with some ribbon fiber coating materials	

Product Line Up	
<b>Model</b>	<i>(see below for Fiber Guide descriptions)</i>
S233A	Fiber Guide A is included as standard
S233B	Fiber Guide B is included as standard
S233C	Fiber Guide C is included as standard
Caution	Do not use the S233 on live fiber or for a mid-span strip. Discard the section of the fibers to which the S233 was applied before splicing or reconnecting the exposed fibers.

Standard Package						
Description	P/N	Qty	Note	Model		
				S233A	S233B	S233C
Main Body**	S233X-01	1	All-metal base body for all fiber guides	○	○	○
Cleaning Brush	S233X-02	1	Tool to remove fiber jacket waste	○	○	○
Carrying Case	S233X-03	1	Clear; holds all standard components	○	○	○
Fiber Guide A	S233X-11	1	Obverse: 4-fiber ribbon > 2 x 2-fiber ribbons Reverse: 4-fiber ribbon > 3-fiber ribbon & single-fiber	○	—	—
Fiber Guide B	S233X-12	1	Obverse: 4-fiber ribbon > 2 x 2-fiber ribbons Reverse: 8-fiber ribbon > 2 x 4-fiber ribbons	—	○	—
Fiber Guide C	S233X-13	1	Obverse: 12-fiber ribbon > 2 x 6-fiber ribbons Reverse: 24-fiber ribbon > 2 x 12-fiber ribbons	—	—	○
User's Manual	S233X-82	1		○	○	○
**Not sold individually						

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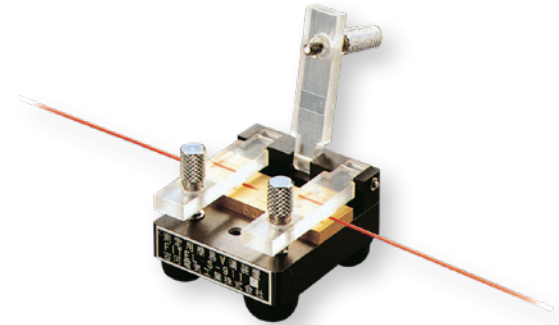
## S91X Temporary Fiber Aligner

Designed as a jig for temporary jointing the fibers for measuring transmission loss or for experimental purposes. A simple procedure to strip, clean, cleave and load the fiber makes a temporary jointing with a typical average loss of 0.25 dB for SM fiber (when using matching oil).

Fiber Handling		
Model	Dia.of Applicable Fibers	Qty
S911	0.90 × 0.90	1
S912	0.90 × 0.40	1
S913	0.40 × 0.40	1
S914	0.40 × 0.25	1
S915	0.25 × 0.25	1
S916	0.25 × 0.90	1

Standard Package		
Description	P/N	Qty
Main Body	S91X	1
User's Manual	–	1

Specifications	
Fiber Type	SMF, MMF (Single Fiber)
Insertion	0.25 dB (with matching gel)
Dimensions	50W×55D×33H mm
Weight	350 g



## S612 Ribbon Forming Fixture

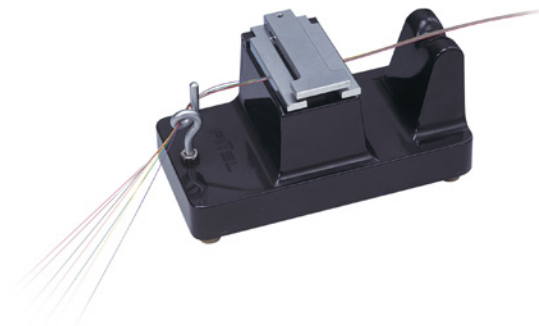
Designed to form a ribbon-like fiber with 2 to 12 single fibers. S612 offers a high efficient simultaneous fiber splice with FITEC ribbon fusion splicers.

### Features

- Easy to operate
- Smallest fixture in the industry
- Consumables are adhesive only.

Standard Components		
Description	Model No.	Qty
Ribbon forming fixture	S612	1
Adhesive	S611-04	50 ml x 2 bottles
User's Manual	FTS-B010	1

Specifications	
Applicable optical fiber	2 to 12 fiber ribbons
Dimensions	120W×60D×58H mm
Weight	400 g



For additional information please contact your sales representative.

You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.

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## Fusion Splicer Accessories and Consumables

### Protection Sleeves

FITEL offers a wide variety of protection sleeves to accommodate single and ribbon fiber. FITEL's protection sleeves come in ribbon, standard, slim, mini, and macro sizes. They are composed of an outer an inner sleeve reinforced by an internal member made of stainless steel or ceramics.



#### Model, Specification and Applicable Fiber

Model	Applicable Fiber	Length	Material of strength member	Pieces / Pack
S921	Single fiber, 0.25-0.9 mm coating diameter	60 mm	Stainless steel	25
S922	Single fiber, 0.25-0.9 mm coating diameter	40 mm	Stainless steel	25
S924	Single fiber and up to 8-fiber ribbon	40 mm	Quartz	25
S927A	Single fiber and up to 8-fiber ribbon	40 mm	Ceramic	100
S927B	Single fiber and up to 12-fiber ribbon	40 mm	Ceramic	100
S928A20	Single fiber 0.25-	20 mm		
S928A25	0.4 mm coating	25 mm	Stainless steel	100
S928A35	diameter	35 mm		



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