

### Application

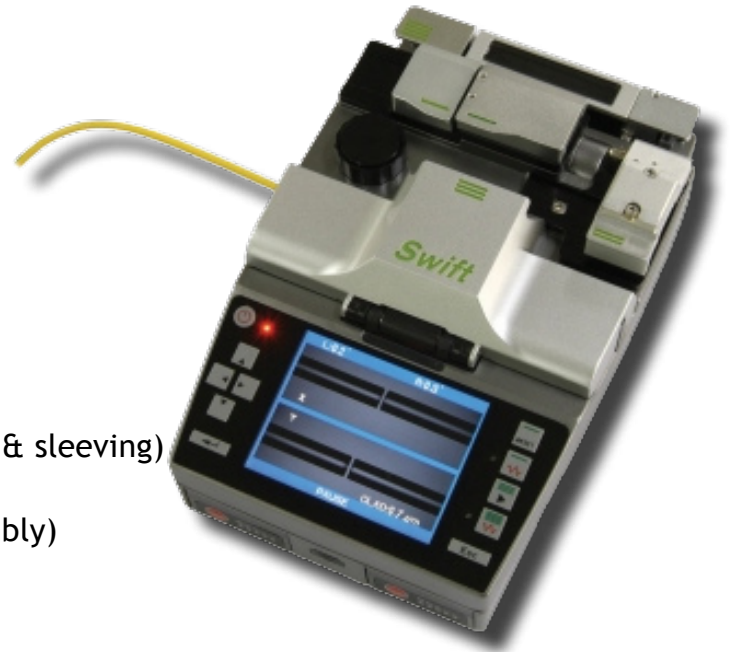
The Swift-F1 optical fusion splicer is designed for fusion splice on connectors. The Swift Splicer has five built in functions allowing an optical fibre connector to be directly spliced to the end of the fibre eliminating reliability issues of mechanical V-groove connectors.

The Swift-F1 splicer steps include

- automatic thermal fibre stripping
- cleaning
- cleaving
- fusion splicing
- sleeving

### Features

- All-in-One integrated unit (stripping, cleaning, cleaving, splicing & sleeving)
- Operation Time of 60secs. (incl. fusion splice on connector assembly)



### Specifications

Alignment	Fixed V-Goove (Clad to Clad)
Cladding / Coating Diameter	125um / 250 to 900um
Average Splice Loss	0.03dB (SM), 0.02dB (MM), 0.06dB (NZDS,DS)
Splicing Time (typical)	7 secs
Heating Time	single fibre: 20sec (26mm), 36 sec (40mm)
Sleeve Length	26mm, 40mm
Tension test	1.96N
Splice Memory	2000 splices
Compatible Cable	0.25mm, 0.9mm, 2mm. 3mm indoor cable
Dimensions	135(w) x 200(l) x 82(h)mm
Weight	1.5Kg including batteries
Power	DC Li-Polymer Battery, 100V ~ 240V AC charger DC 12V car adaptor available
Battery Capacity	1400mAh x 2
No. Splice / Heat Cycles	typical 100 Cycles
Operating / Storage Temp	-10°C to 50°C / -40°C to 80°C

### Ordering Details

OPT-SWIFT-F1	Includes: F1 - Splicer F1-1 - AC Adaptor F2-1 - Battery Charger F1-B - Battery Pack (2 off) HF-2.5 - Fibre Holder E1-I9 - Spare Electrode (1 set) Carrying Case Manual	Optional Extras Include: WK - Working Table HF-250 - Fibre Holder HF-900 - Fibre Holder HF-IN - Fibre Holder BI-05 - Cleaver Blade CT - Cooling Tray F1-B - Battery Pack
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#### Optimal Cable Services Pty. Ltd.

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#### Cable & Connectivity Sales

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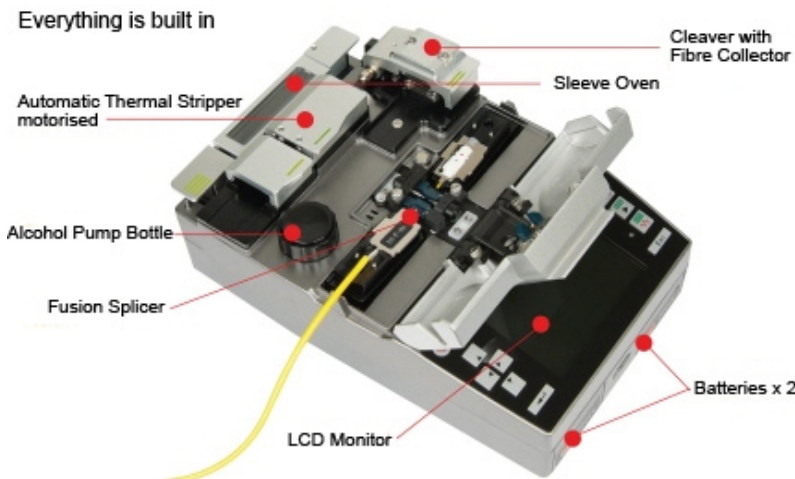
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## Swift F-1

Having the five key functions built into the Swift-F1 Splicer makes the splicer an simple and easy machine to use. No fumbling for strippers and cleavers when on top of a ladder up a pole. Everything you need is built in and easy to use.

And the Swift-F1 solves the problems of splice quality and reliability, whilst being more cost effective than more expensive V-Groove mechanical connectors

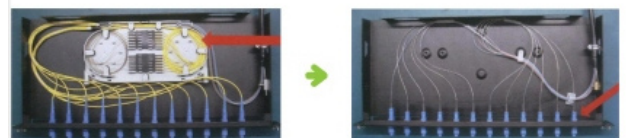


	<b>Thermal Auto Stripper</b> <ul style="list-style-type: none"> <li>No Crack on Fiber with Thermal Automatic Stripping</li> <li>Over One Million Stripping Possible by Motorized System</li> <li>Stripping Time: 1,5sec</li> </ul>		
	<b>Cleaner</b> <ul style="list-style-type: none"> <li>Cleaning of fiber and clean maintenance of V-Groove is very important,</li> </ul>		
	<b>Cleaver</b> <ul style="list-style-type: none"> <li>Single Action Cleaving</li> <li>Oil Damper System</li> <li>Installed Fiber Chip Collector</li> </ul>		
	<b>Heat Shrink Sleeve Oven</b> <ul style="list-style-type: none"> <li>Color of ferrule part should be faced to front</li> <li>Heating times: 15sec</li> </ul>		
<b>Fiber Holders</b>			
			0,9mm HF-900
			3mm HF-2,5
			Indoor Cable HF-IN

## Swift Connector Assembly Process : 1 kit / 60 sec

<b>1. Place Cable on Holder</b> 	<b>2. Automatic Fiber Stripping</b> 
<b>3. Clean</b> 	<b>4. Cleave</b> 
<b>5. Place Ferrule Part on Holder</b> 	<b>6. Strip</b> 
<b>7. Clean</b> 	<b>8. Cleave</b> 
<b>9. Place Fiber and Ferrule Part</b> 	<b>10. Splicing</b> 
<b>11. Insert Sleeve</b> 	<b>12. Heat Shrink the Sleeve</b> 
<b>13. Boot Assembly</b> 	<b>14. Housing Assembly</b> 

## Swift-F1 Use Examples



Extra accessories like splice cassette (tray) and sleeve support are not necessary-keeping the space neat.

## Other Splice Use



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