JONARD TOOLS®

SPARC™ FIRE

FUSION SPLICERS

CORE CLAD

SPARC™ FIRE Fusion Splicers: Precision, Speed and Savings

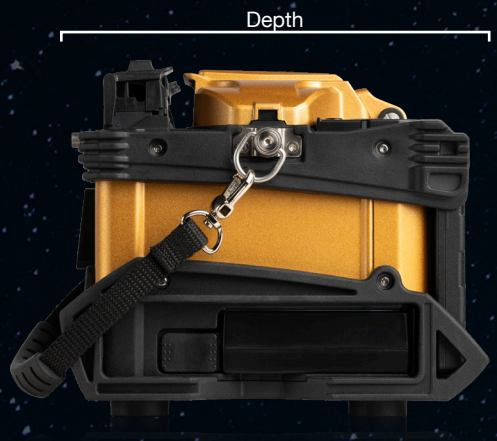
Engineered for fast splice times and low splice loss, SPARC™ FIRE Fusion Splicers deliver exceptional results with every fiber connection. Designed to save time and reduce waste, these reliable tools ensure accurate, efficient splices whether core or clad aligned, in single or ribbon fiber optical cables. Compact and easy to use, they're the perfect choice for professionals aiming to boost productivity and profitability.

SPECIFICATIONS	CORE (SPCO-1)	CLAD (SPCL-1)
Alignment Method	Core Alignment	Active V-Groove Clad Alignment
Number of Fibers	Single	
Typical Splice Loss	SM: 0.01dB / MM: 0.01dB / DS: 0.03dB / NZDS: 0.03dB / G.657: 0.0dB	SM: 0.03dB / MM: 0.01dB / DS: 0.05dB / NZDS: 0.05dB / G.657: 0.03dB
Splice Time	Quick Mode: Avg. 4 sec / SM Mode: Avg. 5 sec / Auto Mode: Avg. 7 sec	Quick Mode: Avg. 4 sec / SM Mode: Avg. 5 sec
Heating Time	Quick: 9s / Average: 13s	
Protection Sleeve	20 mm - 60 mm	
Battery	Battery Capacity: 7000mAh / Operation Cycle: 400+ cycles (Splicing + Heating)	
Magnification	x360, x520	
Motors	6	4

RIBBON

SPECIFICATIONS	RIBBON (SPRI-1)
Alignment Method	Core Alignment
Number of Fibers	Up to 12
Typical Splice Loss	SM: 0.01dB / MM: 0.01dB / OS: 0.03dB / NZDS: 0.03dB / G.657: 0.01dB
Splice Time	Quick Mode: Avg. 4 sec / SM Mode: Avg. 5 sec / Auto Mode: Avg. 7 sec
Heating Time	Quick: 9s / Average: 13s
Protection Sleeve	20 mm - 60 mm
Battery	Battery Capacity: 9000mAh / Operation Cycle: 300 cycles (Splicing + Heating)
Magnification	x360, x520
Motors	6

WEIGHT AND DIMENSIONS



CORE / CLAD	
Depth	6.5 in
Width	6.2 in
Height	6 in
Weight	5.2 lb
RIBBON	
Depth	6.8 in
Width	6.5 in
Height	6.5 in
Weight	6 lb

JONARDTOOLS®

BONUS TOOLS INCLUDED FREE!

ITEM #	DESCRIPTION	CLAD (SPCL-1)	CORE (SPCO-1)	RIBBON (SPRI-1)
CWP-125	Pointed Cotton Swabs, Pack of 125	✓	✓	✓
FC-600	One Step Fiber Optic Cleaver with Auto-Rotating Blade	✓	✓	
FCR-800	SPARC™ Blade One Step Fiber Optic Cleaver, Ribbon…			✓
FDC-66	Fiber Scraps Disposal Can	✓	✓	✓
FW-5	Fiber Wipes, Wet (Pack of 5)	✓	✓	✓
JIC-186	Wire & Kevlar® Cutting Shears	✓	✓	✓
JIC-375	Fiber Optic Stripper, Three Hole	✓	✓	✓
PSI-15	Quick Sleever®	✓	✓	
TFS-100	Handheld Thermal Stripper for Ribbon or Simplex…			✓

ADDITIONAL INCLUDED ACCESSORIES

ITEM #	DESCRIPTION	CLAD (SPCL-1)	CORE (SPCO-1)	RIBBON (SPRI-1)
FSP-ADP-65JH	SPARC AC Adapter	✓	✓	✓
FSP-ADP-PC	SPARC Power Cable	✓	✓	✓
FH-SOC	SPARC SOC Holder	✓	✓	✓
FSP-B7000	SPARC Battery Pack	✓	✓	
FSP-B9000	SPARC Ribbon Battery Pack			✓
FSP-SCT	Screw-on Cooling Tray	✓	✓	
FSP-CCT	SPARC Clip-On Cooling Tray			✓
FSP-E70	SPARC Electrodes (1 Spare Set)	✓		
FSP-E50	SPARC Electrodes (1 Spare Set)		✓	✓
FSP-STP	SPARC Shoulder Strap	✓	✓	✓
H-2000	SPARC Carrying Case	✓	✓	✓
HH-SOC	SPARC SOC Heater Holder	✓	✓	
FSP-DC	Data Transfer USB Cable	✓	✓	✓
FSP-FT	Fiber Tray	✓	✓	✓
FSP-FTP	Fiber Tray Shoulder Strap	✓	✓	✓
FSP-SC	Splicer Set Screw	✓	✓	✓
FC-SC	Cleaver Set Screw	✓	✓	✓
FSP-SFH	Splicing Fiber Holder * Comes Installed	✓	✓	✓
FSP-SHH	Heater Fiber Holder *Comes Installed	✓	✓	
FSP-RHH	Ribbon Heater Fiber Holder *Comes Installed			✓
FH-250/2	Magnetic Single Fiber Holder Set			✓
FH-12/2	Magnetic 12F Ribbon Cable Set			✓
FH-2250A/2	200-250 A Magnetic Fiber Holder Set			✓
FH-2250B/2	200-250 B Magnetic Fiber Holder Set			✓
FSP-WCB	Wire Cleaning Brush			✓
FSP-SBB	Soft Bristle Cleaning Brush			✓
FSP-FBB	Firm Bristle Cleaning Brush			✓