

FIS ACTIVE CLAD SPLICER KIT



Part #: F1-SOC-AC5



FEATURES

- Two camera, active cladding alignment
- 5" touchscreen monitor
- Interchangeable sheath clamps and fiber holders
- Fully ruggedized for shock, moisture and dust resistance
- Extended-life electrodes, 5,000 splices, exchangeable without tools
- Long-life battery (200 splices/shrinks per charge)

KIT CONTENTS

- FIS AC5 Active Clad Alignment splicer w/ AFL Fujikura CT-08A cleaver
- FIS Universal SOC Oven (900um, 2.0mm, and 3.0mm)
- FIS Metal Cheetah SOC Holder for the FIS AC5 splicer
- FIS Crimp Tool for the 3mm SOC
- FIS SOC 3mm Cordage Holder for AC5 Splicer
- Power cords
- Hard case
- USB Thumb Drive (manual and software)

The FIS AC-5 Active Clad Fusion Splice kit is an affordable, and effective kit solution for doing fiber to fiber splicing as well as for FIS' line of Cheetah and Armordillo Splice on Connectors. With Industry leading splice time of 6 seconds per splice, the kit also comes with our 900um SOC holder and 3.0mm cordage holder, standard crimp tool for the 3.0mm Armordillo solution, and our FIS external SOC oven for your large form SOC terminations.

A solution for all of your splicing needs, the FIS AC5 Termination Kit will exceed your expectations, and more importantly, stay under your budget.

FIS ACTIVE CLAD SPLICER KIT



SPECIFICATIONS

Applicable Fibers	Single-mode (G.652 & G.657), Multimode (G.651), DSF (G.653), NZDS (G.655)
Cladding Diameter	125 µm
Coating Diameter	250 µm up to 3 mm
Fiber Cleave Length	5 mm to 16 mm
Typical Average Splice Loss	0.03 dB (SM), 0.01 dB (MM), 0.05 dB (DS) and 0.05 dB (NZDS)
Splicing Time	Typical 6 sec with SM
Arc Calibration Method	Automatic, real-time and by using results of previous splice when in AUTO mode, manual arc calibration function available
Splicing Modes	Total 100 splice modes
Splice Loss Estimate	Based on two camera, active cladding alignment data
Storage of Splice Result	10,000 splice results
Fiber Display	5 inch TFT color LCD with X or Y view or both X and Y view simultaneously
Magnification	200X for single-camera view and 132X magnification for dual-camera view
Viewing Method	2 axis CMOS camera
Operating Condition	Altitude: 0 to 5,000 m above sea level, -10° to +50° C, Humidity: 0 to 95% RH, non-dew
Mechanical Proof Test	1.96 N
Tube Heater	30 heating modes
Tube Heating Time	Typical 25 sec with FP-60 (60 mm) sleeve
Protection Sleeve Length	60 mm, 40 mm, micro
Splice/Heat Cycles with Battery	Typical 200 cycles with BTR-11A
Electrode Life	5,000 splices
Power Supply	Auto select from 100 V to 240 V with AC adapter, 14.8 V DC with installed battery
Terminals	USB 2.0
Wind Protection	Maximum wind velocity of 15 m/s. (34 mph)
Dimensions	131 x 201 x 79 (mm)
Weight	1,300 g (2.85 lbs) with battery