

FIS ACTIVE CLAD 7 (AC7) SPLICER KIT



Part #: F1-SOC-AC7



FEATURES

- Dual Camera, Active Cladding Alignment system
- Interchangeable sheath clamps and fiber holders
- 4.3" Touch Screen monitor
- Extended Life Electrodes, up to 6,000 splices with tool-less changing
- Long-life battery (250 splices/shrinks per charge)
- Splash-Resistant carrying case, with built in work station
- Pass/Fail Post-Splice reporting
- New, enhanced On-Board oven to allow melting of ALL FIS Cheetah 900um Splice on Connectors

KIT CONTENTS

- FIS AC7 clad alignment splicer w/ Sumitomo FC6S+ cleaver
- FIS Splice on Connector Holder
- Spare ER-17 Electrodes
- Li-Ion battery; BU-17
- AC/DC adaptor; ADC-15
- Power cord; PC-AC2-2P
- Working tray; WT-18
- Shoulder strap for WSK-18
- Removable 250um and 900um fiber holders (PRO kit option, only)

The FIS AC7 Active Clad Fusion Splicer kit is an affordable, performance driven solution for all of your splicing needs – including the FIS line of Cheetah and Armordillo 2.0/3.0mm Splice on Connectors. With the new, enhanced onboard oven, the AC7 can perform all of the FIS 900um Cheetah Splice on Connectors, including ST and FC, without the need for any external tooling. The AC7 splicer kit is the perfect option for the budget minded buyer.

SPECIFICATIONS

Applicable Fibers	Singlemode (G.652), Multimode (G.651), DSF (G.653), NZDS (G.655), BIF (G.657)
Cladding Diameter	125 µm
Coating Diameter	250 µm up to 1,000 µm
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 G.652 Quick Mode
Arc Calibration Method	Automatically compensates for environmental condition changes
Splicing Modes	Total 300 splice modes
Splice Loss Estimate	Based on two camera, active cladding alignment data
Storage of Splice Result	10,000 internal memory / 20,000 with 16GB SD card
Fiber Display	4.3 color LCD Display
Magnification	140X for single-camera view and 370X magnification for dual-camera view

Viewing Method	2 CMOS camera
Operating Condition	Altitude: 0 to 5,000 m above sea level, -10° to +50° C, Humidity: 0 to 95% RH, non-condensing
Mechanical Proof Test	1.96 - 2.09 N
Tube Heater	100 heating modes
Tube Heating Time	Typical 12 sec with FPS-61-2.6 (60 mm) sleeve
Protection Sleeve Length	60 mm, 40 mm, Sumitomo Nano
Splice/Heat Cycles with Battery	Approximately 250 cycles with BU-17
Electrode Life	6,000 splices
Power Supply	Auto select from 100 V to 240 V with AC adapter, 10.8 V DC with installed battery (BU-17)
Terminals	USB 2.0 (mini-B type)
Wind Protection	Maximum wind velocity of 15 m/s. (34 mph)
Dimensions	126(w) x 154(d) x 83(h) (mm)
Weight	1,200 g (2.65 lbs) with battery