

S154-AC

Active Clad Aligning Splicer



S154-AC
Active Clad Aligning Splicer

Features and Benefits

- Robust performance with greater uptime
- Compatible with various types of Splice-On-Connectors (SOCs)
- Fast and reliable fiber splicing for exceptional performance (splicing 6sec / splice loss 0.03 dB)
- Easy to interface 4.3-inch-wide touch screen for fast, intuitive operation
- Removeable V-Groove enabling easy field maintenance and lens cleaning, for greater uptime
- Tough environments tolerance (IP52, IK07)

Overview

With a proven chassis design, the FITEL S154-AC Hand-Held Fusion Splicer provides a robust, fast, and reliable splicing solution for FTTx, Splice-On-Connectors (SOCs), data centers, and Metro applications. A broad range of new features that enhance communication, ease of use, portability, and field durability make the S154-AC Fusion Splicer one of the most powerful and user-friendly fusion splicing machines available today.

Specifications

Item	Specification
Applicable fiber	SM (ITU-T G.652, G.657A1 and G.657A2), MM (ITU-T G.651), DSF (ITU-T G.653), NZD (ITU-T G.655),
Cladding diameter	80 to 150 µm
Coating diameter	100 to 1000 µm
Fiber cleave length	5 to 16 mm
Typical splice loss *1	SM:0.03 dB, MM:0.01 dB, DSF:0.05 dB, NZD:0.05 dB
Typical splice time *1	6 sec (Semi Auto Mode), 9 sec (Normal Mode)
Return loss	> 60 dB
Tension strength	1.96 N
Applicable protection sleeve length	20 to 60 mm
Typical heat time *1	15 (60 mm, FITEL S921, Power mode)
Splice programs	Max. 300
Heater programs	Max. 100
Splice data storage	Max. 20,000 including 4 images before and after splice
Fiber image magnification on LCD	75X, 200X, 400X
Dimension	179W x 246D x 131H mm
Weight (Including battery)	1.85 kg
Monitor	4.3" wide color LCD with touch panel
Data Interface port	USB ver. 2.0 type A: 1 port, USB ver. 2.0 mini B: 1 port
Battery capacity *1	Typical 200 splice / heat cycles
Operating temperature	-10 to 50 degree °C
Storage temperature	-40 to 60 degree °C
Humidity	0 to 95% (Non-condensing)
Power source	AC input 100 to 240 V (50/60 Hz)

*1 Based on Furukawa's standard. The characteristics might vary depending on test condition.



Standard Package

Item	Model No.	(Qty)	Description
S154-AC Splicer	S154-AC	1	Active clad alignment
Hard carrying case	HCC-05	1	Including shoulder belt
Built-in battery pack	S947	1	
AC adapter	S979	1	
AC cable cord	C5-UL	1	
Tool Case	TCC-01	1	
Spare electrode	ELR-01	1 pair	
Electrode sharpener	D5111	1	
Cleaning brush	VGC-01	1	
Quick Reference Guide	FTS-B611	1	
Electrode sharpener	D5111	1	
Tool case	TCC-01	1	
Strap plate	SPL-01	1	
LCD anti-reflective sheet	ARS-01	1	
Quick Reference guide	FTS-B559	1	

Optional Components

Item	Model No.	(Qty)
Tight Holder 10 mm Cleave Length	S712T-010	1 pair
Tight Holder 16 mm Cleave Length	S712T-016	1 pair
Tight Holder Universal	S712T-UN	1 pair
Fiber Holder for 250 µm	S712S-250	1 pair
Fiber Holder for 500 µm	S712S-500	1 pair
Fiber Holder for 900 µm	S712S-900	1 pair
USB Cable	USB-01	1
WiFi dongle	WFD-01	1
Battery Charger	S980A	1
Soft Carrying Case	SCC-01	1
Car Cigarette Cable	CDC-04	1
Cooling Tray	CTX-03	1
Angle Stand	AGS-02	1
Working Belt	WBT-01	1
Heater Clamp Base for SOC	HBC-01	1



Copyright © 2022 OFS Fitel, LLC.
All rights reserved, printed in USA.

OFS Marketing Communications
Doc ID: FITEL-S154-AC
Date: 10/22

EZIFuse is a trademark of Furukawa
Denki Kogyo Kabushiki Kaisha.
FITEL is a registered trademark of
Furukawa Denki Kogyo Kabushiki Kaisha

DBA Furukawa Electric Co., Ltd.

Furukawa reserves the right to make
changes to the prices and product(s)
described in this document at any time
without notice. This document is for
informational purposes only and is not
intended to modify or supplement any
Furukawa warranties or specifications
relating to any of its products or services.



S326A Cleaver

S317 Cleaver

S211B 3-hole
fiber stripper

EZIFuse™
Splice On Connector

Ordering Information

S154-AC-30 : S154-AC splicer without any fiber holders.

S154-AC-VK-900 : S154-AC splicer with S712S-250 and S712S-900 holder, S211B stripper, cleaver
wipes and fluid.

