

CARY-F600H Fusion Splicer

Technical Specifications Ver 1.00
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CARY-F600H Fusion Splicer

The CARY-F600H fusion splicer is a small demension, light and most portable fusion splicer. This ruggedized, full-featured unit offers unmatched versatility for splicing in the most challenging environments. The fully ruggedized chassis provides for shock, dust and moisture protection while the two camera observation system provides for accurate fiber alignment and loss estimation calculations. The CARY-F600H is the ideal splicer to use when portability, ruggedness, versatility and reliability are needed for your splicing application.

Features:

- Digital fusion splicer with automatic focus function;
- Fiber core can be display clearly; Single X or Y view and X & Y view simultaneously;
- Auto detect cleaved endface fault;
- Display fiber cleaved and offset angle; Display core and clad offset;
- 5.6 inch TFT color LCD monitor with clear digital image display;
- USB & VGAinterface;
- Software upgrade via USB interface;

Applications:

- Single fiber fusion application

Specification:

Model	CARY-F600H
Applicable fibers	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655)
Fiber cleaved length	10 ~16mm (Coating diameter<250 μ m);16mm(Coating diameter250~1000 μ m)
Fiber diameter	Cladding diameter:80 ~150 μ m , Coating diameter:100 ~1000 μ m
Auto focusing	Available
Fiber aligning method	Core aligning, clad aligning, manual aligning
Average splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
Splicing time	Typical 9 sec,with standard SM fiber
Heating time	Typical 36 sec
Applicable sleeves	60mm, 40mm and a series of micro sleeves
Tension test	2N(option)
Electrode life	5000
Battery capacity	Typical 400 cycles (splice and heat)
Monitor	5.1 inch TFT color monitor
Terminal	USB 1.1 and VGA , software upgrade via USB interface
Operating condition	0 ~ 5000m above sea level, 0 ~ 95%RH and -10~50 $^{\circ}$ C, respectively, Max. wind velocity of 15m/s
Splicing mode	Auto ,normal
Fiber cleaved angle threshold set	0.1 ~ 10.0 $^{\circ}$, 0.1 $^{\circ}$ cstep
Power supply	Li-battery 11.8V , AC100-240V DC12.6V/5.0A
Dimension	L169*W152*H155mm
weight	2.4kg 2.9kg(battery)

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CA OPTRONICS GROUP provides high performance, high value, low cost, affordable test and measurement instruments solution for our customers. Our extensive support sources can help you choose right CA OPTRONICS GROUP's products for your application and apply them successfully. Every instruments and system we sell a global warranty. All of our instruments with at least 18 months factory warranty.

Our Promise

All of CA OPTRONICS GROUP's test and measurement instruments and system will met its advertised performance and functionality. When you select CA OPTRONICS GROUP's products, we can verify if it is work properly, help with products operation, and provides the basic measurement assistance for the use of special capabilities.

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