

## OFS-60 Optical Fiber Fusion Splicer

The TELKOLINK OFS-60 series adopt high-speed image processing technology and special precision-positioning technology, automatically finish the whole process of fiber fusion in 10 seconds typically, LCD monitor displays all steps of fiber fusion clear at a glance.

Widely used for SM and MM Quartz Fiber with diameter 125 $\mu$ m, coating layer diameter 0.2~1.5mm and bare fiber length 16mm more or less.

Ideal tools for construction and maintenance of fiber and cable in both field and laboratory applications.

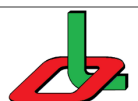
### Description

- *Both X and Y axis display*
- *Large multiple & visible fiber core*
- *Turn-over display screen to use conveniently*
- *Inner light to set fiber at night*
- *Auto check end-face of fiber*
- *Auto calculate splicing loss*
- *Auto select suitable fusion program*
- *Small bulk and light weight & alternating /Direct Current available*
- *Screen menu for simple operation*
- *Concave weatherproof cover & Max. wind velocity of 15m/s*



## Technical Specifications

Model	OFS-60
Applicable Fibers	SM,MM,DS,NZDS
Cladding Diameter	80-150µm
Coating Diameter	100-1000µm
Fiber Cleaved Length	10mm with coating diameter of 250µm or less. 16mm with coating diameter of 250 to 1000µm.
Actual Average Splice Loss	SM:0.02dB;MM:0.01dB;DS,NZDS:0.04dB
Splice Time	Typical 10sec. with standard SM fiber.
Return Loss	≥60dB
Splicing Modes	8 user programmable modes and up to 10 modes for reference(factory predetermined setting) and 2 auto-testing modes.
Splice Loss Estimate	Available
Storage of Splice Result	The last 5000 results to be stored in the internal memory.
Fiber Display	X/Y simultaneously always
Magnification	200x
Viewing Method	Two CMOS cameras and 5 inch color LCD monitor.
Operating Condition	0 to 5000m above sea level,0 to 95%RH and -10 to 50°C respectively.
Mechanical Proof Test	2N(standard)
Tube Heat Time	Typical 60sec. with standard 60mm protection sleeve.
Applicable Protection Sleeve Length	60mm, 40mm and a series of micro sleeves.
No. of splice/heating with battery	Typical 50 cycles with OFS-1-26L7
Power supply	Three method:1,Use power supply model OFS-1-26L7(inner li-ion battery ,100-240V AC adapter, work and charge simultaneity); 2,Use power supply model OFS-1-26AC (100-240V AC adapter); 3,Outer power supply adapter, car cigarette lighter or storage cell(10.5-14.5V,4A)
Terminals	RS-232,VIDEO
Wind protection	Max. wind velocity of 15m/s.
<b>General Specifications</b>	
Operating Temp.	-10°C ~ 50°C
Storage Temp.	-40°C ~ 60°C
Weight	10.1 lbs (3.7kg)
Dimension (H x W x T)	7.3×7.1×6.8inch (185×180×172mm)



## Ordering information

**Standard Configuration:**

Instrument, Power supply module(OFS-1-26L7), AC cord, Spare electrodes(one pair), Cooling tray, Screen cover, Carrying case, Warranty card, User's manual

**Optional Accessory:**

Part Description	Part Number	Part Description	Part Number
Electrodes	P/N:AC-OFS-E	V-groove(coupler)	P/N:AC-OFS-V
Fiber cleaver	P/N:AC-OFS-21	Blade	P/N:AC-OFS-B
Multi-function Power Supply	P/N:AC-OFS-NFA-20	Protection sleeves	P/N:AC-OFS-PS

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