

Optical Fiber Fusion Splicer KT-2800

www.kt-elec.com



Features

- Fiber core can be display clearly
- Single X or Y view and X & Y view simultaneously
- Auto detect cleaved endface fault
- Auto select best splicing program
- 9 seconds splice time and 30 seconds heat time
- Small bulk and light weigh
- 5 inch color LCD monitor with clear digital image display
- Simple Operation menu

SPECIFICATION

Model	KT-2800
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	8~16mm (Coating diameter: 250 μ m) 16mm (Coating diameter: 250 ~ 1000 μ m)
Fiber diameter	Cladding diameter: 80 ~150 μ m Coating diameter: 100~ 1000 μ m
Fiber Count	Single
Fiber aligning method	Core aligning
Return loss	>60dB
Actual average splice loss	0.02dB (SM) ,0.01dB (MM), 0.04dB (DS),0.04dB(NZDS)
Splicing mode	auto
Splicing mode	12(template), 188(user)
Typical Splicing time	Typical 9 sec, with standard SM fiber
Protection sleeve length	60mm, 40mm and a series of micro sleeves
Storage of splice result	5000 results, 3 parameter per result
Tension test	2N
Fiber display and magnification	400X (X or Y view) ,200X (X and Y view)
Tube heating time	Typical 30 sec
Electrode life	2500
No.of splice/heating with battery	Typical 130 cycles (splice/tube heat) with inner Li-battery
Display screen	5 inch color LCD monitor
Image change over	The fiber image is turned upside down
Terminals	RS 232
Operating condition	0 ~ 5000m above sea level,0 ~ 95%RH and -10 ~ 50 $^{\circ}$ C, respectively,Max. wind velocity of 15m/s
Power supply	AC 100-240V with AC adapter;inner Li-battery(6600mAH)
Dimensions	150mm(L) x150mm (W) x160mm (H)

Weight	3.52 Kg including battery
--------	---------------------------

FUNCTION

Model	KT-3000	KT-3000T	KT-2800
Splicing mode	Auto \Calibrate Normal \Special	Auto \Calibrate Normal \Special	Auto
Fiber cleaved angle threshold set	0.1 - 10.0 ° 0.1°step	0.1 - 10.0 ° 0.1°step	0.5 - 8°, 0.5°step
Display fiber cleaved angle	●	●	—
Display fiber offset angle	●	●	—
Auto focusing	●	—	—
Auto aligning	●	●	●
Auto detect cleaved endface fault	●	●	—
Display core offset	●	●	—
Display clad offset	●	●	—
Fiber partial core Compensation	●	●	—
Arc strength automatic adjustment	●	●	—
Display inside temperature	●	●	—
Display ambient temperature	●	●	—
Display heater temperature	●	●	—
Display air pressure	●	●	—
Display battery voltage	●	●	—
Taper Splice	●	●	—
Sleep	●	●	—
Auto Shut down	●	●	—
Software upgrade	●	●	—
			●:Available
—:Unavailable			