

Core Alignment Fusion Splicer

66S

Designed to keep you going



Specifications

Item	Specification	
Fiber alignment method	Active core alignment	
Fiber count can be spliced	Single fiber	
Applicable Fiber	Fiber type	SMF(G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
	Cladding dia.	80 to 150um
Applicable coating	Sheath clamp	Coating dia. : Max. 3.000um
		Cleave length : 5 to 16mm
Fiber splice performance	Splice loss	ITU-T G.652 : Avg. 0.02dB
		ITU-T G.651 : Avg. 0.01dB
		ITU-T G.653 : Avg. 0.04dB
		ITU-T G.654 : Avg. 0.04dB
		ITU-T G.655 : Avg. 0.04dB
	Splice time	Typical 7sec.
Applicable protection sleeve	Sleeve type	Heat shrinkable sleeve
	Sleeve length	Max. 66mm
	Sleeve dia.	Max. 4.7mm before shrinking
Sleeve heat performance	Heat time	60mm mode : Typical 25sec
Fiber tensile test force		Approx. 2.0N
Electrode life		Approx. 5000 splices
Physical description	Dimensions	170W x 173D x 150H (mm)
	Weight	Approx. 2.7kg including battery
Environmental condition	Temperature	Operate : -10 to 50 degreeC
		Storage : -40 to 80 degreeC
	Humidity	Operate : 0 to 95%RH non-condensing
		Storage : 0 to 95%RH non-condensing
Altitude	Max. 5.000m	
AC adaptor	Input	AC100 to 240V, 50/60Hz, Max. 1.5A
	Output	Approx. DC 12V, Max. 7A
DC adaptor	Input	DC10 to 15V, Max. 7A
	Output	DC10 to 15V, Max. 7A
Battery pack	Type	Rechargeable Lithium Ion
	Output	Approx. DC14.4V / 6,380mAh
	Capacity	Approx. 300splice and heat cycles
	Temperature	Operate : -10 to 50 degreeC
		Recharge : 0 to 40 degreeC
		Storage : -20 to 30 degreeC
Recharge	5 to 8 hours from empty	
Battery life	Approx. 500 recharge cycles	
Display	LCD monitor	TFT 5 inches with touch screen
	Magnification	200 to 320x
Illumination	V-grooves	LED lamp
Interface	PC	USB2.0 Mini B type
	External LED lamp	USB2.0 Mini A type
	LED lamp	Approx. DC5V, 500mA
	Ribbon stripper	Mini DIN 6pin DC12V, Max. 1A
Data storage	Splice mode	100 splice modes
	Heat mode	30 heat modes
	Splice result	20,000 splices
	Splice image	100 images
Screw hole for tripod		1/4-20UNC

66S Standard package

Item	Model	Qty.
Core alignment fusion splicer	66S	1 pc
Battery pack	BTR-15	1 pc
AC adapter	ADC-20	1 pc
AC power cord	ACC-15 (EU type)	1 pc
USB cable	USB-01	1 pc
Fusion splicer strap	ST-02	1 pc
Electrodes	ELCT2-16B	1 pair
Fiber holder set plate	SP-03	1 pair
Carrying case	CC-38	1 pc
Tripod screw	TS-03	2 pcs
Carrying case strap	ST-03	1 pc
Alcohol dispenser	AP-02	1 pc
Quick reference guide	QRG-05-E	1 pc
Wireless, PC and clamp setting guide	SG-06-E	1 pc
Warning and cautions	WAC-02-E	1 pc
Splice test report	Only english	1 pc
Single fiber stripper	SS03	1 pc
Optical fiber cleaver	CT-08 with AD-10-M24	1 pc
Fiber scrap collector	FDB-04	1 pc
Fiber setting plate	AD50	1 pc
Case for cleaver	CC-34	1 pc
Hexagonal wrench	HEX-01	1 pc
Instruction manual	M-CT08-E	1 pc

66S Options

Item	Model	Remark
Fiber setting plate	AD-10-M24	Max. 900um coating diameter
Fiber holder	FH-70-250	250um coating diameter
	FH-70-900	900um coating diameter
	FH-70-160	160um coating diameter
	FH-70-500	500um coating diameter
	FH-60-DC250	250um in drop wire cable
	FH-FC-20	900um in 2mm diameter cable
	FH-FC-30	900um in 3mm diameter cable
	FH-60-LT900	900um loose buffer cable
DC adapter	DCA-03	Connect AC adapter not through battery
DC power cord	DCC-20	Car cigar socket to BTR-15/DCA-03
	DCC-21	Car battery to BTR-15/DCA-03
Single fiber stripper	SS03	Stripped to 125/250/900um diameter
	SS01	Stripped to 125um diameter only
Transfer clamp	CLAMP-DC-12	Transferring drop cable on work tray
J-plate	JP-10	Attaching to splicer, not to work tray
	JP-10-FC	JP-10 with fiber clamps

*1: Please follow IATA regulation when shipping the battery by air.

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