



Core Alignment Fusion Splicer

66S+

Designed to keep you going



ACTIVE FUSION
CONTROL TECHNOLOGY

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 150μm
Applicable coating	Sheath clamp	Coating dia. : Max. 3,000μm
		Cleave length : 5 to 16μm
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
		ITU-T G.657 : Avg. 0.02dB
	Splice time	Typical 7 sec.
Applicable protection sleeve	Sleeve type	Heat shrinkable sleeve
	Sleeve length	Max. 66mm
	Sleeve dia.	Max. 6.0mm before shrinking
Sleeve heat performance	Heat time	60mm mode : typical 25sec.
Fiber tensile test force		Approx. 2.0N
Electrode life		Approx. 5,000 splices
Physical description	Dimensions (mm)	170W x 173D x 150H without projection
	Weight	Approx. 2.7kg including battery
Environmental condition	Temperature	Operate : -10 to 50°C
		Storage : -40 to 80°C
	Humidity	Operate : 0 to 95%RH non-condensing
		Storage : 0 to 95%RH non-condensing
AC adaptor	Altitude	Max. 5,000m
	Input	AC100 to 240V, 50/60Hz, Max. 1.5A
		Output
DC adaptor	Input	Approx. DC 12V, Max.7A
		DC10 to 15V, Max.7A
Battery pack	Type	Rechargeable Lithium Ion
	Output	Approx. DC14.4V / 6,380mAh
	Capacity	Approx. 300 splice and heat cycles
	Temperature	Operate : -10 to 50°C
		Recharge : 0 to 40°C
		Storage : -20 to 30°C
Battery life	Battery life	Approx. 500 recharge cycles
Display	LCD monitor	TFT 4.9 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 A type
	Ribbon Stripper	Approx. DC5V, 500mA
		Mini DIN 6pin
Data storage	Splice mode	DC12V, Max. 1A
		100 splice modes
		30 heat modes
		20,000 splices
		100 images
Other features	Automatic functions	Splice mode select by fiber type analysis
		Fusion control
		Wind protector : open and close
		Sheath clamp : open
		Splice start
		Heater start
	Special splice	Attenuation splice
	Reference guide	Video and PDF file stored in splicer
	Sheath clamp	Easy sleeve positioning clamp
	Electrode	Replaceable without tool
	Software for PC	Splicer firmware update via internet
		Parameter upload and download
		Operating splicer with PC
		Splice image download to PC

66S+ Standard package

Description	Model No.	Qty
(1) Core alignment fusion splicer	66S+	1pc
(2) Battery pack ^{*2}	BTR-15	1pc
(3) AC adapter	ADC-20	1pc
(4) AC power cord	ACC-15	1pc
(5) USB cable	USB-01	1pc
(6) Fusion splicer strap	ST-02	1pc
(7) Electrodes (spare)	ELCT2-16B	1pair
(8) Fiber holder set plate	SP-03	1pair
(9) Carrying case	CC-38	1pc
(10) Alcohol dispenser	AP-02	1pc
(11) Quick reference guide	QRG-05-E	1pc
(12) Single fiber stripper	SS03	1pc
(13) Optical fiber cleaver	CT-16	1pc
(14) Fiber strap collector	FDB-04	1pc
(15) Fiber setting plate	AD-50	1pc
(16) Instruction manual	M-CT08-E	1pc

66S+ Options

Item	Model	Remark
Fiber holder	FH-70-200	200μm coating diameter
	FH-70-250	250μm coating diameter
	FH-70-900	900μm coating diameter
	FH-70-160	160μm coating diameter
	FH-70-500	500μm coating diameter
	FH-60-DC250	250μm in drop wire cable
	FH-FC-20	900μm in 2mm diameter cable
	FH-FC-30	900μm in 3mm diameter cable
DC Adapter	FH-60-LT900	900μm loose buffer cable
	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
J-Plate	JP-10	Attaching to splicer, not to work tray
	JP-10-FC	JP-10 with fiber clamps
Protection sleeve	FP-03	60mm Max. 900μm coating diameter
	FP-03(L=40)	40mm Max. 900μm coating diameter
	FP-03M	FP-03 with non-magnetic material

*1: Bluetooth® mark and logos are the registered trademarks of Bluetooth SIG, Inc.

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