



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
	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
Fiber splice performance	Splice time	Typical 7 sec.
	Sleeve type	Heat shrinkable sleeve
Applicable protection 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
	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
	Type	Rechargeable Lithium Ion
Battery pack	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	Approx. 500 recharge cycles
Display	LCD monitor	TFT 4.9 inches with touch screen
	Magnification	200 to 320x
Illumination	V-grooves	LED lamp
	PC	USB2.0 Mini B type
Interface	External LED lamp	USB2.0 A type Approx. DC5V, 500mA
	Ribbon Stripper	Mini DIN 6pin DC12V, Max. 1A
	Splice mode	100 splice modes
Data storage	Heat mode	30 heat modes
	Splice result	20,000 splices
	Splice image	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-08	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
	FH-60-LT900	900µm 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
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.

