

FSM-40R24

Mass Fiber Fusion Splicer



Features

- *1 to 24F ribbon splicing capability*
- *Many types of applicable fibers*
- *Unique Electrode Driving System (EDS)*
- *Compact and light*
- *Fully automated splicing operation*
- *High resolution 5 inch TFT color LCD monitor*



Top view



FSM-40R24 and accessories

Specifications

Applicable fibers	Single-mode(SM), Multi-mode(MM), Dispersion Shifted (DS) and Non Zero Dispersion Shifted (NZDS) fibers complying with ITU-T Recommendation G.652, G.651, G653 and G.655 respectively
Applicable fiber count	Single, 2, 4, 5, 6, 8, 10, 12, 16 and 24 irrespective of ribbon or bundle configuration
Splice loss	0.05dB with SM fiber, 0.03dB with MM fiber, 0.08dB with DS fiber, 0.08dB with NZDS fiber
Return loss	>>60dB
Fiber cleaved length	10 mm each
Viewing angle	X and Y (2 axes)
Viewing method	CCD camera and 5 inch TFT color LCD monitor
Magnification	16.5X
Typical splicing time	50 sec or less with 16F, 24F ribbon splicing, 40 sec or less with single to 12F ribbon splicing
Typical heating time	120 sec or less with FPS24-40 protection sleeve, 100/125 sec with 40/60mm long protection sleeves
Splicing mode	30 programmable modes / up to 96 modes in data base area
Heating mode	5 types 10 programmable modes
Splice result storage	91 results with 24F ribbon splicing (Max. 320 results)
Wind protection level	Up to 15 m/s
Operating condition	-10 to 50 degC / 0 to 95%RH (Non dew) / 0 to 3500m above sea level with single to 12F ribbon splicing 0 to 1800m with 24F ribbon splicing, 0 to 3000m with 16F ribbon splicing
Proof teston spliced fiber	1.96 N (200gf)
Power supply	100 to 240V A.C. 50Hz/60Hz, 10.5 to 14V D.C. (standard 12V)
Dimensions	160 (W) x 170 (D) x 180 (H) mm
Weight	4.3 Kg

Standard items

Item	Description	Model No.	Q'ty
1	Mass Fiber Fusion Splicer	FSM-40R24	1pc.
2	Carrying case	CC-08	1pc.
3	Monitor cover	MC-01	1pc.
4*	AC power cord	ACC-XX	1pc.
5	Spare electrode	ELCT2-16A	1pair
6	Fiber holder	FH-24	1pair
7	Magnifier	MG5-04	1pc.
8	Hexagon wrench	BL-2	1pc.
9	Instruction manual	-	1pc.
10	Splicing report	-	1pc.

Item4 XX = 02: USA type, 03: UK type, 04: Europe type, 05: Australia type

Optional accessories

Item	Description	Model
1	DC power cord	DCC-01/04/05
2	Fiber holders	FH-XX (below table)
3	Hot jacekt stripper	HJS-03-24 (up to 24F splicing) HJS-02 (up to 12F splicing)
4	Fiber cleaver	CT-20
5	Primary coatstripper	PS-02
6	Jacket stripper	JS-01
7	Tube heater	SH-7 (up to sleeves for 12F)
8	Protection sleeves	FPS24-40 (up to 24F) FP-05 (up to 12F) FP-04 (up to 8F) FP-03/03(L=40) (single fiber)
9	Fiber arrangement tool	FAT-04 (up to 12F)

Fiber holders

Fiber count	Single (0.25mm O.D.)	Single (0.9mm O.D.)	2	4	5	6	8	10	12	16	24
Model No.	FH-250	FH-900	FH-2	FH-4	FH-5	FH-6	FH-8	FH-10	FH-12	FH-16	FH-24

Specifications and descriptions are subject to change without prior notice.

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