



Hand-Held Ribbon Fiber Fusion Splicer

NJ001M4

Portable & Rugged

Easy to use

Fast Splicing & Heating

Tough body

- Available for ALL Metro/LAN/FTTH fibers, from Single to 4-fibers ribbon
- Wide splicing chamber allows for easy fiber loading
- Fiber Curl Removal Function is available
- 100 cycles (Splicing and Heating) from fully charged built-in-battery
- Fast Splicing - Single fiber : 13 sec.
Ribbon fiber : 15 sec
- Fast Heating - Heating time : 30 sec.
(S924, Pre-heat mode)
- Robust design : Drop | Water | Dust resistant
- SOC compatible (SOC by Seiko Giken)



Bright work area

3-LED lighting system makes splicing work easy and secure even in dimly lit environments.



Easy maintenance

The ability to remove the V-groove allows for easy detection of dust and debris and facilitates cleaning.



Great mobility

The optional Neck Strap Work Table (NSB-02) secures the Fusion Splicer in place to allow for precision work. No need to remove the fusion splicer when done. The Neck Strap Work Table folds to allow the technician to move on to next job.

Specifications

Item	Specifications
Product name	FITEL Splicer NJ001M4
Applicable fiber count	Up to 4 fibers
Applicable fiber type	SM (ITU-T G.652), MM (ITU-T G.651), DSF (ITU-T G.653), NZD (ITU-T G.655), BIF (Bend Insensitive Fiber, ITU-T G.657.B3)
Cladding diameter	125 um
Fiber coating diameter	Single fiber: 250 to 900 um, Ribbon fiber: thickness of 280 to 400 um
Fiber cleaving length	10 mm
Typical splice time	Single fiber: 13 sec., 4-fiber ribbon: 15 sec.
Typical heating time ^{*1}	25 sec. (in case of S922 sleeve), 30 sec. (in case of S924 sleeve)
Applicable protection sleeve length	40 / 60 mm
Average splice loss	SM: 0.05 dB, MM: 0.02 dB, DSF: 0.08 dB, NZDSF: 0.08dB
Tension test	Tension force: 1.96 N
Dimensions	124W x 161D x 64.5H mm (not including rubber pad)
Weight	970 g (with S946 battery)
Power source	AC input: 100 to 240 V (50/60 Hz), DC input: 11 to 17 V
Battery capacity ^{*2}	100 splice and heat cycles (typical)
Operating condition	Temperature: -10 to 50 degree C, Humidity: 0 to 95 %RH (non-condensing)
Storage condition	Temperature: -40 to +60 degree C, Humidity: 0 to 95 %RH (non-condensing)

*1) Heating time varies depending on type of sleeves

*2) The number of splicing and heating cycles is based on Furukawa's standard method. Number will vary depending on test methods.

Standard Package

Item	P/N	Q'ty
① FITEL splicer NJ001M4 main body (including S946 battery)	NJ001M4-X-A-0001	1
② Hard carrying Case	HCC-07	1
③ Spare Electrodes	ELR-02	1 pair
④ AC adapter	S978A	1
⑤ AC cable cord	—	1
⑥ Cleaning Brush	VGC-01	1
⑦ Electrode sharpener	D5111	1
⑧ Tool Case	TCC-01	1
⑨ Fiber Reformer (4)	S122-X-A-0007	1 pair
⑩ Quick Reference Guide	FTS-B523	1
⑪ User Manual	UMC-01	1



Optional Components

Item	P/N	Q'ty
Cooling Tray	CTX-02	1
USB cable	USB-01	1
Car Cigarette Cable	CDC-01	1
Tripod adaptor	TPA-01	1
Neck Strap	NSB-01	1
Neck Strap Work Table	NSB-02	1

Item	P/N	Q'ty
Fiber holder (250 um coating fiber)	S712S-250	1 pair
Fiber holder (900 um coating fiber)	S712S-900	1 pair
Fiber holder (2-fiber ribbon)	S712A-002	1 pair
Fiber holder (4-fiber ribbon)	S712A-004	1 pair
1-fiber Drop cable holder	S712S-1SM-D	1 pair
2-fiber Drop cable holder	S712A-2SM-D	1 pair

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