



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)

¹1) Heating time varies depending on type of sleeves

²2) 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

Contact Us :

FURUKAWA ELECTRIC CO., LTD.

Head Office:

2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo,
100-8322, Japan
TEL: + 81 3 3286 3227
FAX: + 81 3 3286 3978
www.furukawa.co.jp
fec.abr_opt_splicer@furukawaelectric.com

Europe:

Furukawa Electric Europe Ltd.
Furukawa House
77-85 Fulham Palace Road,
London W6 8JD, U.K.
Tel: + 44 (0) 20 7313 5300
Fax: + 44 (0) 20 7313 5310
www.furukawa.co.uk
splicers@furukawa.co.uk

North & South America:

OFS Fitel, LLC
2000 Northeast Expressway
Norcross, Georgia 30071, U.S.A
TOLL FREE: + 1 866 452 9516
Tel: + 1 678 783 1090
Fax: + 1 678 783 1093
www.ofsoptics.com
splicers.ofsoptics.com

China:

Furukawa Shanghai, Ltd.
Beijing Branch
Room 1108 Beijing Jing Guang
Center Huizilou Chaoyang District
Beijing 100020, China
Tel: + 86 10 8591 0608
Fax: + 86 10 8591 0609
www.furukawa-sh.cn

South East Asia:

Furukawa Electric Singapore Pte. Ltd.
60 Albert Street, #13-10 OG
Albert Complex, Singapore
189969
Tel: + 65 6224 4686
Fax: + 65 6336 2635
comms@furukawa.com.sg

Export Control Regulations

The products and/or technical information presented in this publication may be subject to the application of the Foreign Exchange and Foreign Trade Act and other related laws and regulations in Japan. In addition, the Export Administration Regulations (EAR) of the United States may be applicable. In cases where exporting or reexporting the products and/or technical information presented in this publication, customers are requested to follow the necessary procedures at their own responsibility and cost. Please contact the Ministry of Economy, Trade and Industry of Japan or the Department of Commerce of the United States for details about procedures.



eFriendly Logo Mark

This logo mark indicates that the products and services satisfy the standards of environmentally friendly products of the Furukawa Electric Group.