

Furukawa Electric FTEL® NINJA™ Fusion Splicer Targets FTTH Network Splicing

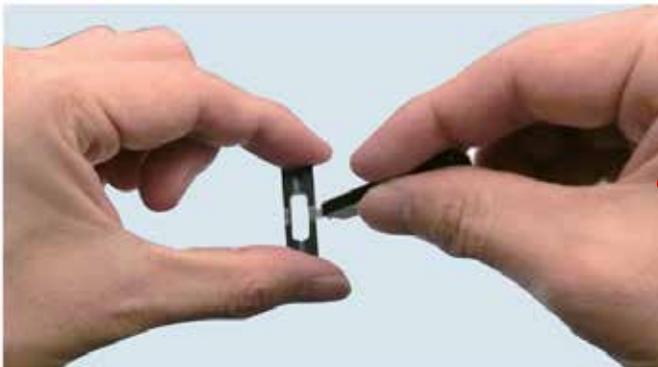
Mark Boxer, OFS Applications Engineering Manager

As FTTH applications continue to grow around the globe, the FTEL NINJA NJ001 is designed to be user friendly for today's FTTH technician. Combining portability and ease of use in a ruggedized body, the NJ001 offers powerful splicing performance with the durability needed for use in the field.

The NINJA was designed specifically for ease of maintenance and to help minimize the total cost of ownership, while maximizing uptime and productivity for the FTTH technician. The NINJA offers a list of compelling features for FTTH network splicing including:

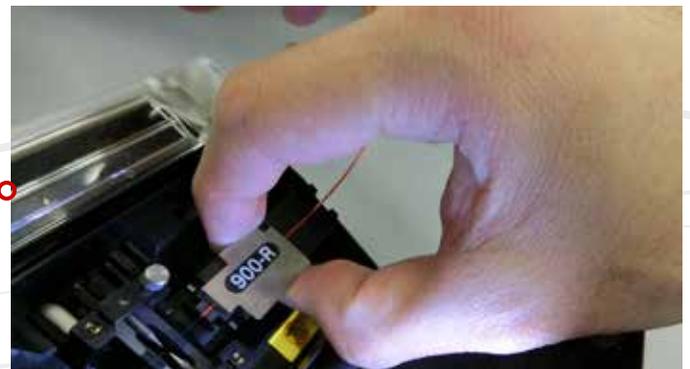


FTEL NINJA NJ001 Splicer

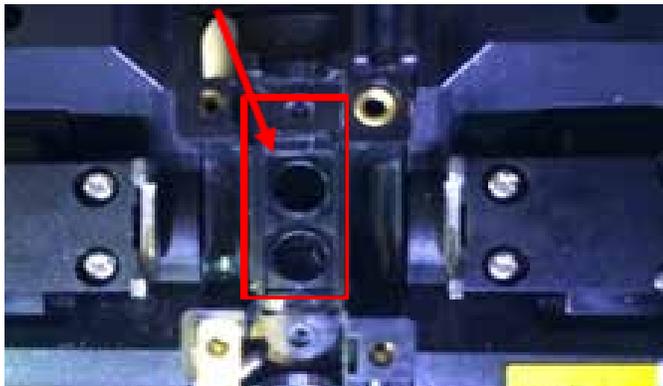
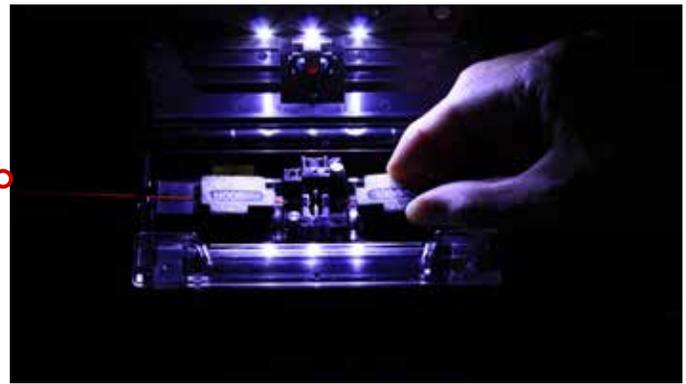


- **The Industry's First Detachable V-groove** - Unlike traditional splicers available today that allow some maintenance by field technicians, the NINJA's **detachable V-groove** enables the technician to remove and more thoroughly clean the critical parts in minutes. This capability is important since dirty V-grooves are the most common reason a splicer is sent in for repair. OFS data indicates that approximately 60-70% of splicer repair occurrences are due primarily to dirty v-grooves. This feature helps the technician to get back to splicing faster, which helps to accelerate deployment and drive down splicing costs. The NINJA's detachable groove enables the technician to keep the splicer cleaner and in operation longer between scheduled maintenance visits.

- **Wide Splicing Chamber** - Today's technician is in a hurry. Also, not all splicing technicians have small and nimble fingers. The NINJA features a **wider splicing chamber** for faster and easier fiber loading, making this one of the most user-friendly splicers available.

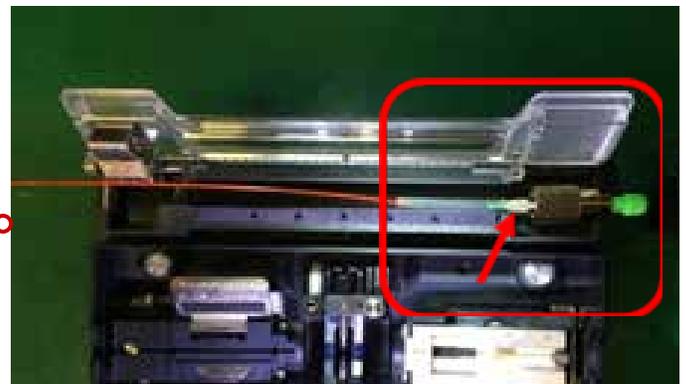


- **Improved Splicing Chamber Visibility** - Work doesn't stop just because the sun goes down. **Three LED lights illuminate the entire splicing chamber** with more than 300 Lux. This light intensity improves visibility, making it easier to perform work in low-light environments.



- **Lens Protection Cover** - Lenses can be tough to clean and easy to scratch. This **protective cover** helps to prevent lens scratches and makes cleaning much easier.

- **Removable Heater Bracket** - While other splicers require an external heater to accommodate a splice-on connector, the NINJA includes **a removable heater bracket**. This feature helps to enable the assembly of field-installable connectors without the need for an external heater.



With fusion splice-on connectors gaining acceptance as a way to field terminate cables, the NINJA is compatible with fusion splice-on field installable connectors from a wide variety of manufacturers. In addition, while the NINJA design is compact and low profile, its large battery capacity allows 100 splicing and heating cycles in one charge. Finally, FTTH drop cables are often stiff. Less powerful splicer motors can require the technician to perform more cable preparation to offset the motor weakness. The NINJA offers powerful fiber propulsion motors to complete splices with even very rigid drop cables.

Just like the NINJA of legend and folklore, the NJ1001 is strong, fast and precise! See how the NINJA can help your FTTH splicing team.

<http://fiber-optic-catalog.ofsoptics.com/item/fusion-splicers-2/on-splicers-single-fiber-clad-alignment2-1/ninja-nj001>

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