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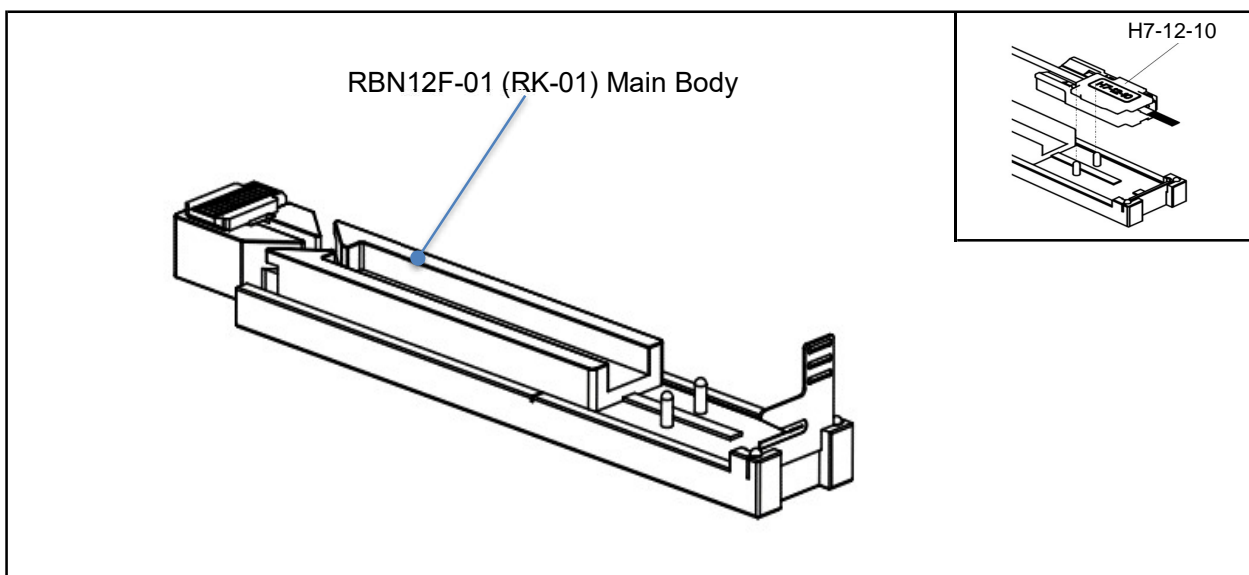
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1. General

This user manual provides procedures for ribbonizing 12 fibers using the RBN12F-01(RK-01) and splicing using KR12A splicer.

This manual will help you gain a basic understanding of 12 fiber ribbonizing procedure and splicing.

2. RBN12F-01 Kit Configuration



RBN12F (RK-01) Operational Guide

3. Installation Tools

3.1 Tools for Cable Preparation

Fiber Separator (RFS-100)	Jacket Slitter	Adhesive (Loctite 4861)	Non-Slip Plier	Ruler	Marker

3.2 Tools for Fusion Splicing (Stripping & Cleaving & Heating)

KR12A	Holder Left (H7-12-10)	Clamp Sheet	RBN12F-01 (RK-01)

4. KR12A Setting

Depedning on the tool you will use and the type of fiber your are splicing, you will need to change your splice heater and stripper settings.

When working with ribbonized fibers, please choose the appropriate setting as follows.

4.1 Splice Mode

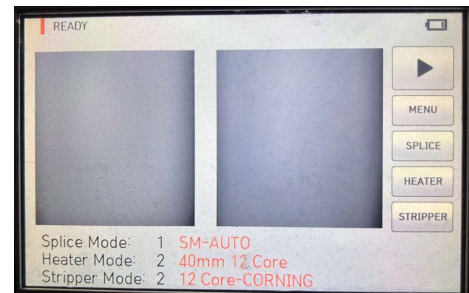
- Single mode : Setting – 1. SM-AUTO

4.2 Heater Mode

- Setting – 2. 40mm 12 Core
- Detail - Heating Time : 40 seconds / Heat Temp. : 180 Degree

4.3 Stripper Mode

- Setting – 2. 12 Core-CORNING



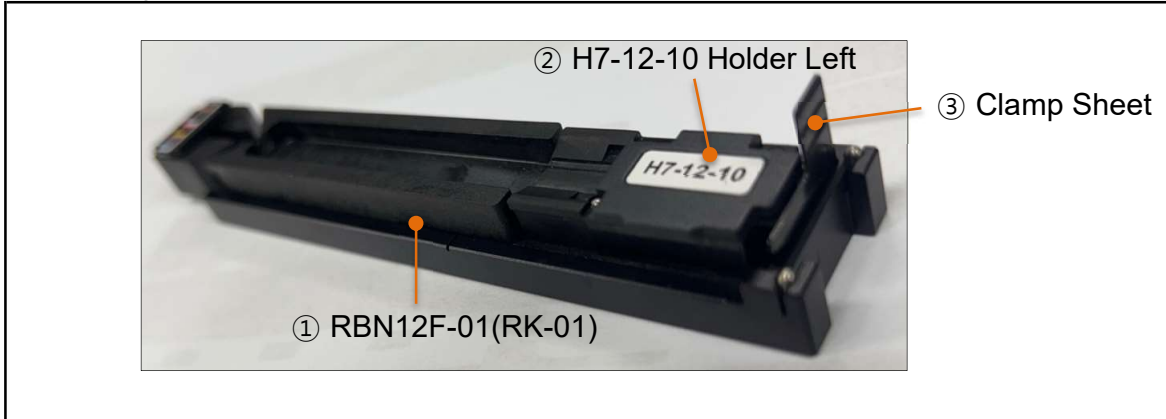
Installation Guide #	IG-RBN12F-01
Date of Enactment	2024-01-02
No. of Revision	01
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5. Procedure

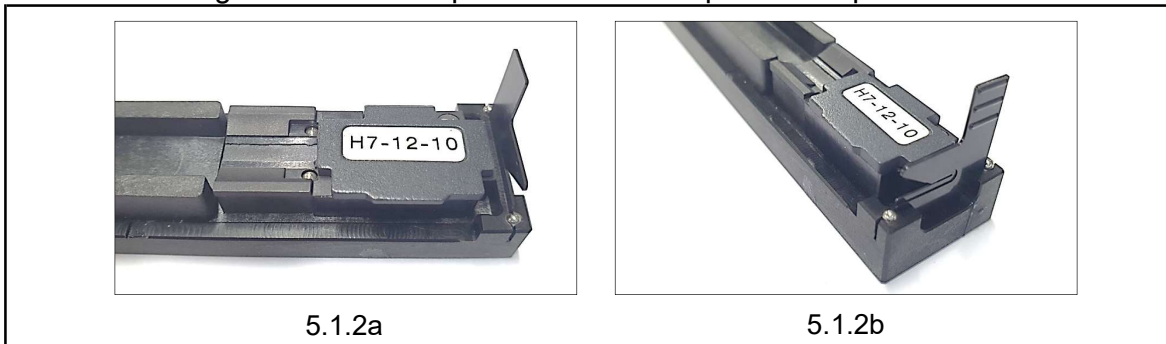
5.1 Fiber Preparation

5.1.1 Prepare Tools



5.1.2 Place the holder(H7-12-10) into the RBN12F-01(RK-01) main body.

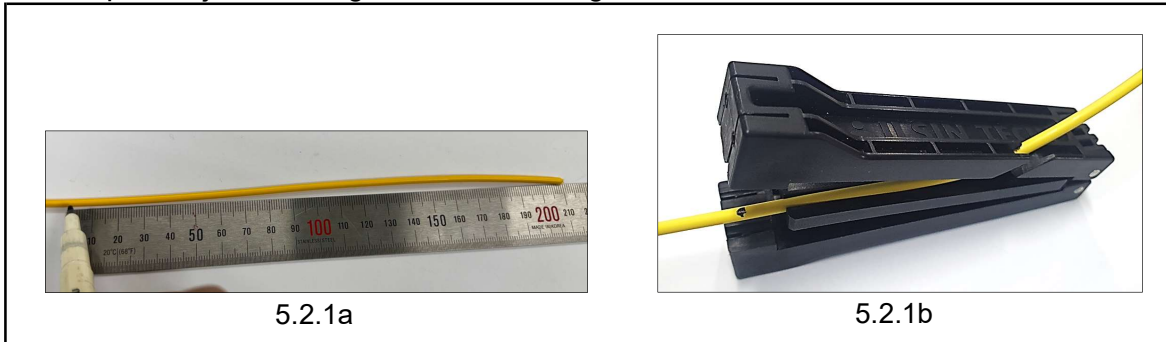
The fiber guide in the Clamp Sheet should be positioned parallel with frame.



5.2 12 fiber arrangement

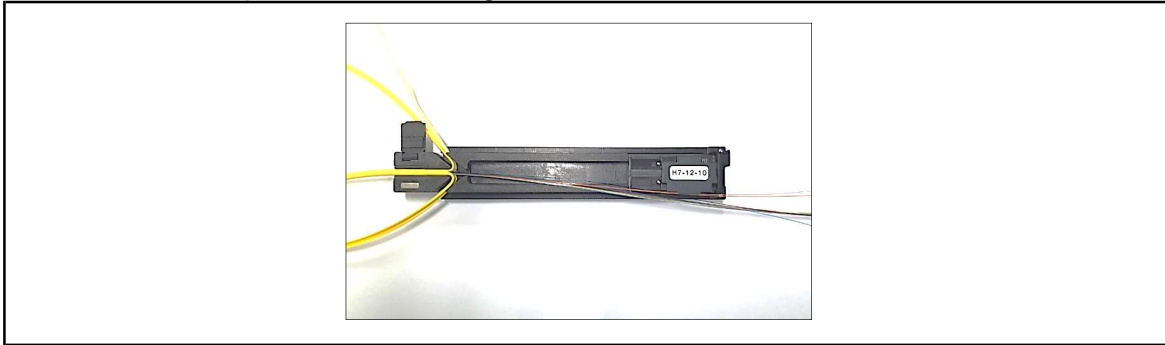
5.2.1 Measure and mark 210 mm from end of fiber cable using a ruler.

Split the jacket using the slitter starting at 210mm.

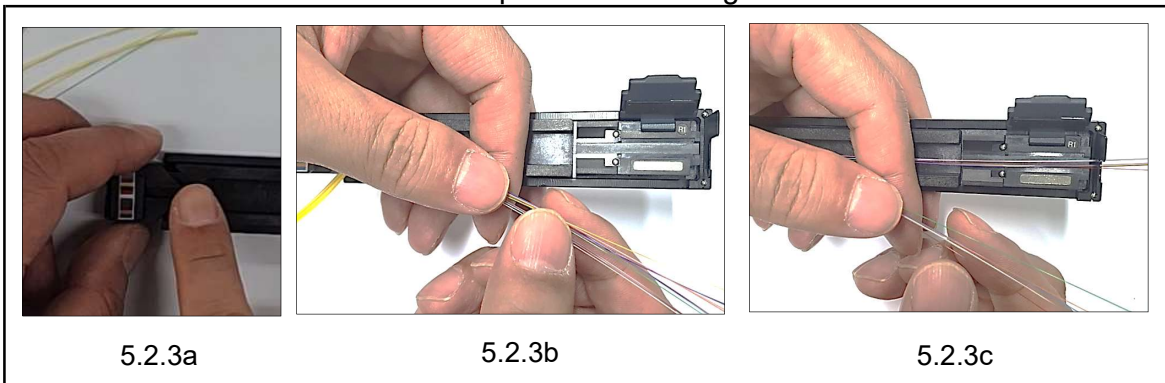


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5.2.2 Place the split cable into the groove in the main frame.



5.2.3 Referring to the color code on the color code cover, insert each fiber into the clamp sheet according to the color code order.

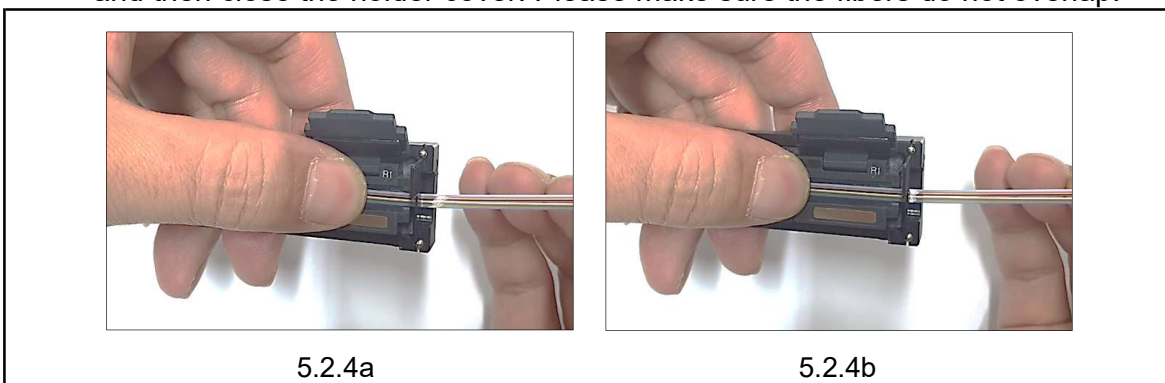


5.2.3a

5.2.3b

5.2.3c

5.2.4 Press the aligned fibers from the clamp sheet to the left with your thumb and then close the holder cover. Please make sure the fibers do not overlap.

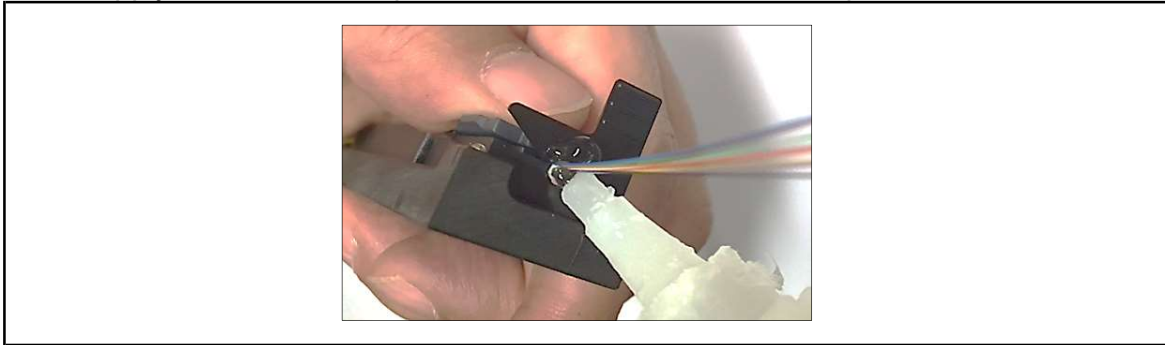


5.2.4a

5.2.4b

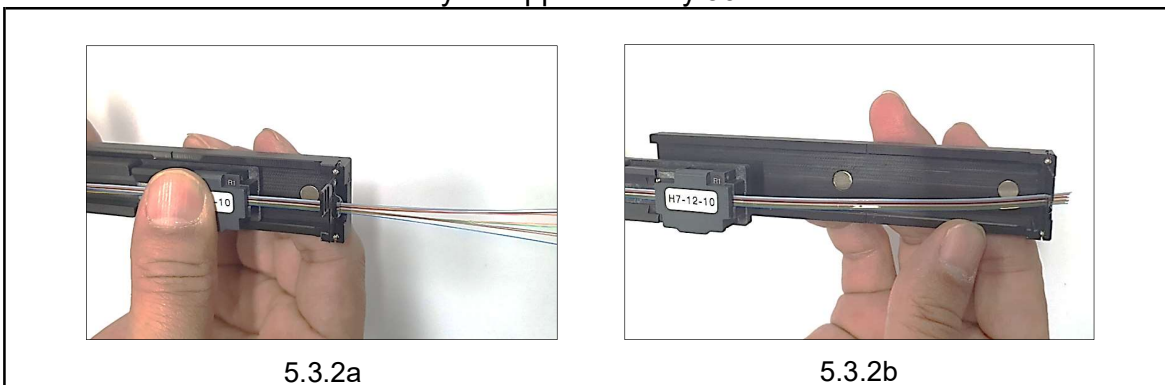
5.3 Apply adhesive and curing

5.3.1 Apply Loctite on the top and bottom of fibers of the clamp sheet.



5.3.2 Carefully and slowly slide the upper frame to the left.

Allow the adhesive to dry for approximately 30 seconds.

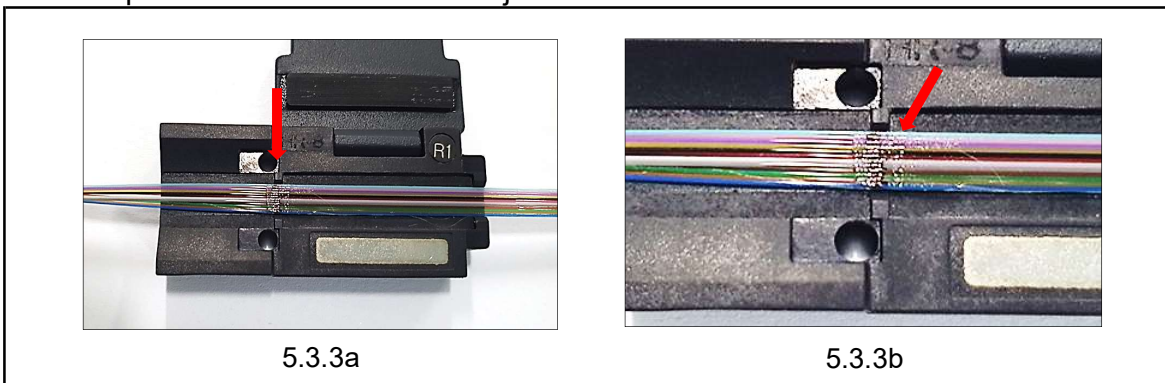


5.3.2a

5.3.2b

5.3.3 Remove the holder from the upper frame.

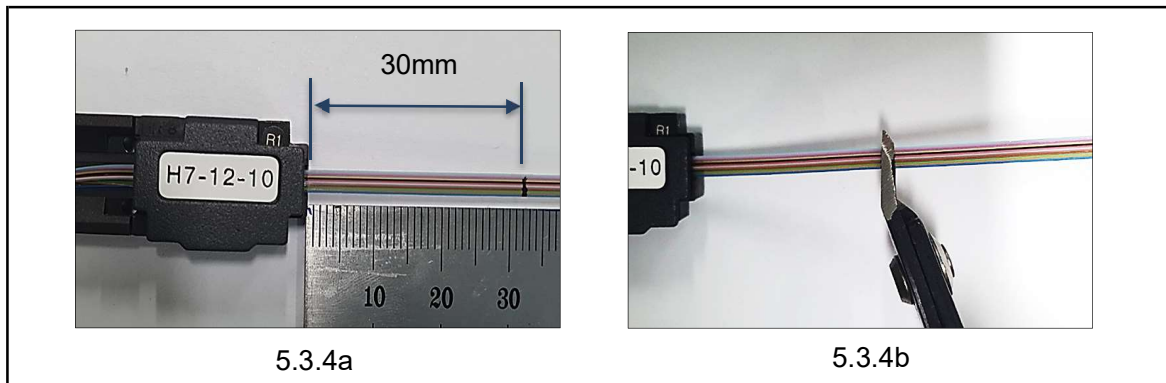
Open the holder cover and adjust the ribbonized fibers to the left.



5.3.3a

5.3.3b

5.3.4 Mark 30mm from the edge of holder then cut using non-slip plier.



5.3.5 For splicing procedures using the KR12A fusion splicer,
follow the manual for IG-FSOC-MPOSB30 or IG-FSOC-MPOSBRB

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