

1. Scope of Coverage

This specification specifies the mating procedure for the FJ-L plug/jack harness.

【Applicable Products】

- BF4MC-6GTXFJLP-B1-1M
- BF4MC-6GRXFJLP-B1-1M
- FJLN-LN-M0801-1M
- FJ-L-P-KT1
- FJ-L-J-1

2. Work Procedure

2-1. Ferrule End Face Cleaning

Clean the end faces shown in Fig. 2-1 with a pen-type cleaner (e.g., One-Click Cleaner MU/LC (Fujikura Ltd.)) for the FJ-L plug and a reel-type cleaner (e.g., OPTIPOP R NTT-AT (Co., Ltd.)) for the LC ferrule.

Note) If there is dust on the end face of the FJ-L plug, use a stick-type cleaner (e.g., NEOCLEAN S125 manufactured by NTT-AT Corporation) to push it into the plug tip hole and rotate it about three times while pressing it against the end face. After that, clean the plug with a pen-type cleaner (e.g., One-Click Cleaner MU/LC (Fujikura Ltd.)).

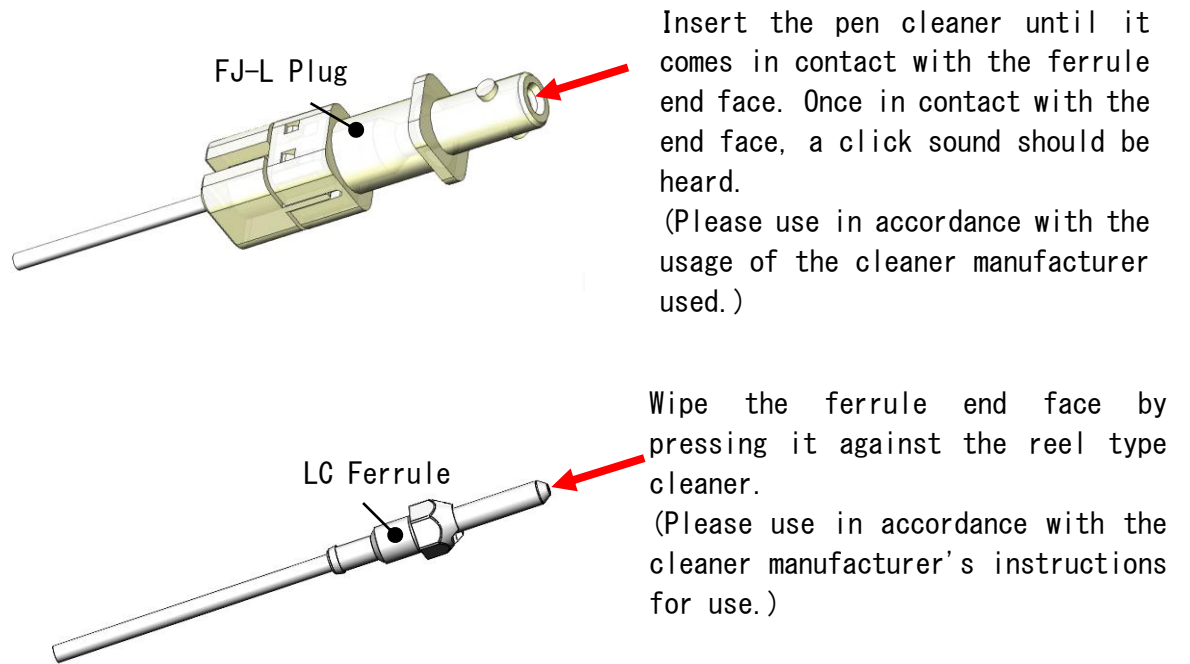


Fig.2-1. Ferrule End Face Cleaning Method

COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
0				
TITLE		HRS HIROSE ELECTRIC CO., LTD.		
FJ-L Mating Procedures		APPROVED	YY. HIYAMA	20240219
		CHECKED	TS. YAMAZAKI	20240219
		DESIGNED	SI. MATSUMOTO	20240219
		WRITTEN	SK. AOYAMA	20240219
TECHICAL SPECIFICATION		ETAD-K0827-00	0	1 / 2

2-2. LC Ferrule Insertion

Insert the LC ferrule into the FJ-L plug as shown in Fig. 2-2.

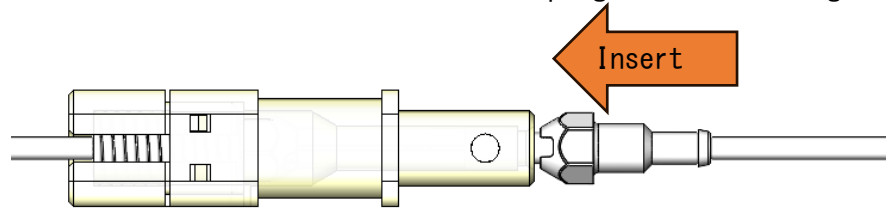


Fig. 2-2. LC Ferrule Insertion

2-3. Mating

Using the slit on the FJ-L jack, thread the fiber as shown in Fig. 2-3-1. Once complete, align the protruding studs, of the FJ-L plug with the holes on the FJ-L jack and insert, rotate clockwise and confirm mating as shown in Fig. 2-3-2.

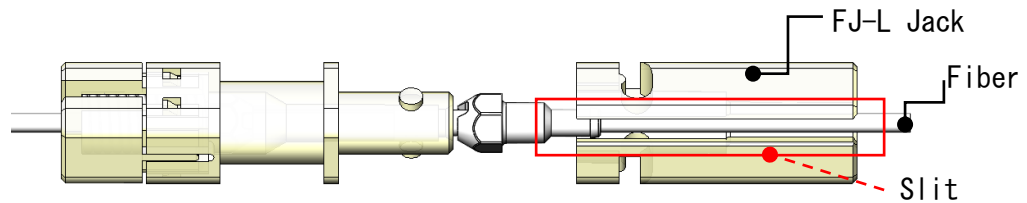


Fig. 2-3-1. FJ-L Jack Insertion

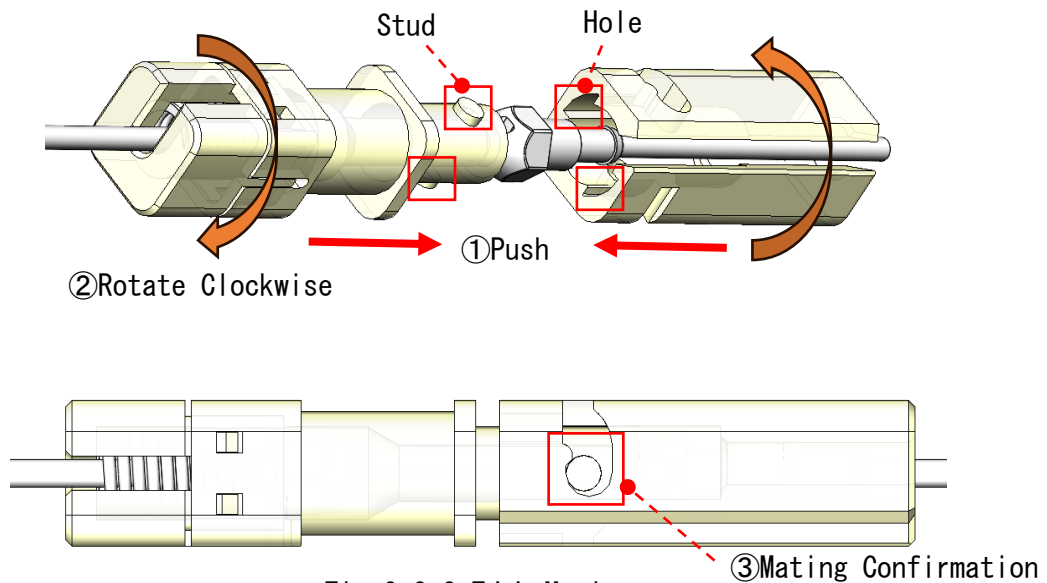


Fig. 2-3-2. FJ-L Mating

2-4. Removed

Rotate the FJ-L plug and FJ-L jack counterclockwise to remove the FJ-L jack and pull out the LC ferrule.