FDF (Fiber Distribution Frame)

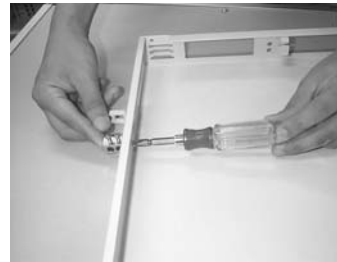## Swing-Out Module / VSOF-FDF-RM-48C

COMPONENTS   SJOF-FDF-RM-48C

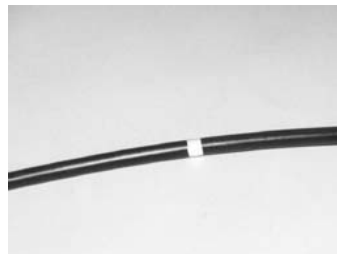| ITEM	QTY
Steel band	2 each
Protection tube(OSP)	2 each (1000mm)
Protection tube(Cord)	5 each(25mm)
Splice Tray (STI 24-6)	1 each per 24 cores
Cable tie	12 each
Ground Terminal set(*)	4 each
User manual	1 each

(*) optional

1. Ground terminal fixing
Place two plastic washers on each side and attach the grounding terminal on the real panel
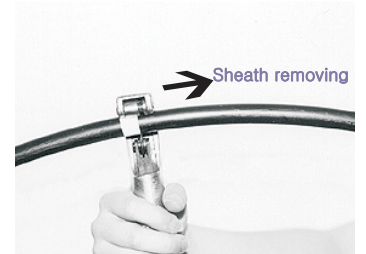

2. Mounting
Mount Swing-out Modules(SJOF-FDF-RM-48C) on a 21" open rack or a cabinet using an approved installation method.

Note: You can move the Mounting tabs to the middle to mount the module on a 19" rack.
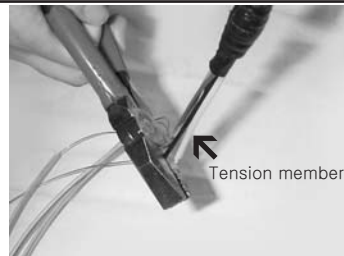

3. OSP Cable Preparation
Cut off about 1m from the end and mark the stripping point using a tape at a 150cm point from the cut end.
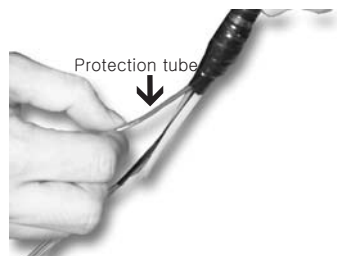

Remove the sheath from the marked point using a sheath stripper.

Remove plastic tape and dummy fillers.
Clean the loose tube using jelly cleaner.

Leave 7cm from the Cable Sheath end and cut off the Tension Member. Leave 5cm from the Cable Sheath end and remove loose tubes using a loose tube cutter.

Insert fibers into the colored Protection tubes. Push the protection tube up to the loose tube end.

4. OSP Cable Clamping
Secure the cable to the rear side of the shelf with a provided steel band.

5. Ground terminal fixing
If the OSP cable has a metallic sheath and tension member, insert the tension member into the ground terminal and tighten it using a screw driver.

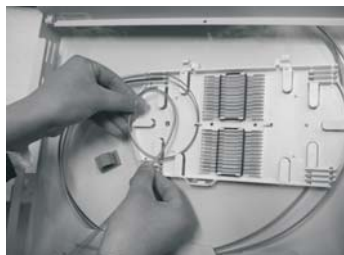Note : Grounding procedure cannot be skipped for safety reasons.

Connect Grounding wire to Ground Terminal

Connect on the side of Grounding wire to Rack earth bar

6. Fixing Splice Tray

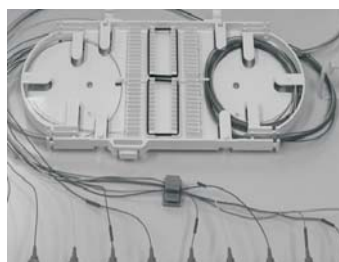Fixed splice (STI 24-6) to the rear door with bolt (M3)

7. OSP Cable Routing
After the cable termination, protection tubes are routed into the swing-out module.

8. Pigtail insertion
Insert each 6pigtail cords(each 0.9 mm) into a provided 25mm protection tubes to make a cord unit for easy identification.

Place the loose tubes(25mm) containing optical fibers on the splice tray inlet, and fasten them tightly using cable ties.

9. Optical Fiber Splicing
Check the color of fibers and remove coatings.
Cut the fiber using an approved fiber cutting method.
Splice fibers using an approved fiber splicing method.

10. Splice Storage
When the splicing is completed, insert sleeves into slits accordingly.

11. Record index card
After record the contents of works on the cover of splice tray, close the cover of splice tray.

12. Patchcord Connection
Connect patchcords on the opposite side of adapters.

15. Completion of Work
Pull out the patch cords toward the system through the reserved holes.

After the completion, push the module back into the main body.

Record the splicing list on the card atta-ched on the front door.
Check splicing, routing, storage and sys-tem status before starting the operation.