

Optical Fiber Distribution Frame Installation Instruction

Model : OFD A-1



1. Mark a visual mark on the cable sheath at 1.5m from the cable end. Cut the cable at the mark.



2. Mark a visual mark at 50cm from the cable cut face.



3. Strip the marked portion of the cable sheath using cable sheath stripper.



4. This is how the stripped cable after the procedure No.3 looks like.



5. Leave the loose tubes and strength member as they are and remove the other elements of the cable (ex : inner sheath, water blocking tape, etc.).



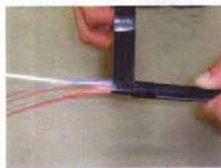
6. Cut the strength member leaving 10cm from the cable cut face.



7. Cut the loose tubes of the cable leaving 5cm and remove the jelly around the fiber.
Note : Do not cut the fibers inside the loose tubes.



8. For the protection of the fibers, insert the fibers and loose tubes into the fiber protection tube from OFD.



9. Wrap the insulation black tape around the gaps between fiber protection tube and loose tube or cable sheath.



10. Optical cable can be mounted on the back or side plate of the OFD. In order to mount the cable on the back plate of the OFD, place the cable holding clamp on the back plate of the OFD.



11. Place the strength member holding clamp on the left edge of the back plate of the OFD.



12. Insert the strength member and optical cable into the clamps. Tighten the cable holding clamp.



13. Tighten the strength member holding clamp.



14. In order to mount the cable on the side plate of the OFD, place the cable holding clamp on the rear edge of the side plate.

Optical Fiber Distribution Frame Installation Instruction

Model : OFD A-1



15. Place the strength member holding clamp on the side plate of the OFD.



16. Insert the strength member and optical cable into the clamps. Tighten the cable holding clamp.



17. Tighten the strength member holding clamp.



18. Place the fiber protection tube in the OFD maintaining the radius of curvature large enough.
Note : OFD cover can be opened around the hinge or removed.



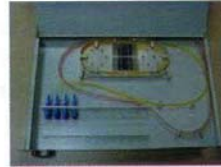
19. Place the fiber protection tube in the narrow space between wall and supporting column of tube inlet of the optical splice tray. Place mounting tube on top of the fiber protection tube. Secure that the mounting tube fits tightly.



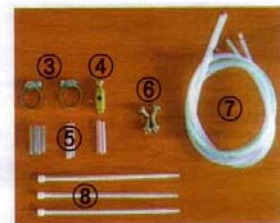
20. Connect the connectors of pigtails and adaptors mounted in the OFD. Inner wall of the adaptors and the end faces of the connectors must be cleaned before connection.



21. Connect the pigtails and fibers of optical cable using fusion splice.



22. Arrange the fibers of optical cable and pigtails in the splice tray in a smooth fashion with no sharp curvature by winding the fiber excess round the mandrel in the optical splice tray.



No.	Part
①	OFD Housing
②	Optical Splice Tray
③	Cable Holding Clamp
④	Strength Member Holding Clamp
⑤	Mounting Tube
⑥	Rack Mounting Bolt
⑦	Fiber Protection Tube
⑧	Cable Tie

[Included Components]