

Installation Manual

OPTIC FIBER CLOSURE



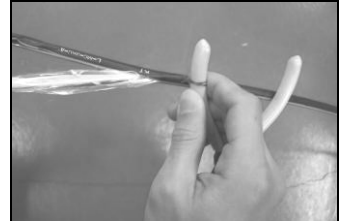
Component List

Items	Unit	Q'ty	Remarks
Closure body	EA	1	
Sealing Washer Ring	EA	1	
Sealing Tape	EA	1	
Tool	EA	1	
Hanger Bracket Set	SET	1	
Sheath Gasket	EA	6	



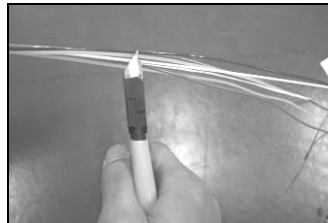
1. Marking a Cutting Point

Mark a sheath removing point on the cable with a piece of tape at a 100cm point from the cable cut end.



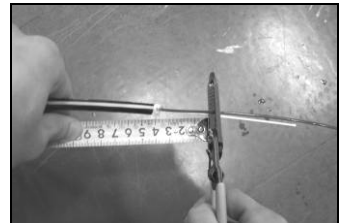
2. Sheath Removing

Remove the cable sheath from the marked point by using a sheath stripper. Remove all plastic tape.



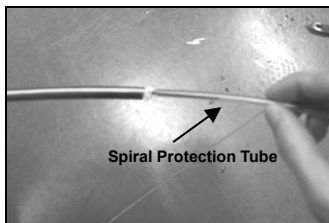
3. Cutting Tension Member

Leave 7cm from the cable and cut off the tension member.



4. Removing Loose Tubes

Leave about 4cm from the cable sheath end and remove the rest of the loose tube. Clean the cut area by using jelly cleaner.
Note. Be sure not to damage the fiber optics.

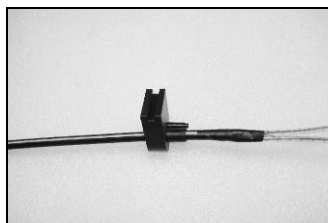


5. Inserting Unit Protection Tube

Insert fibers into the unit protection tubes carefully all the way up to the point where loose tubes end (option).
P/T Length : approximately 250mm



Wrap the tape around the end point of protection tube at cable side.



6. Inserting Unit Protection Tube

Pass the unit protection tubes through the sheath gasket to the cable cut end.



7. Apply Sealing tape

Wrap the sealing tape around the point before of Sheath Gasket



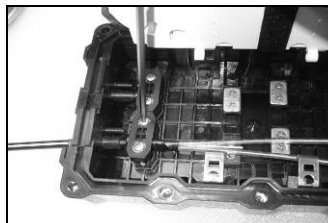
8. Fixing Cable Sheath

Push the Sheath Gasket in the direction of sealing tape wrapped on the cable when pressing tightly.

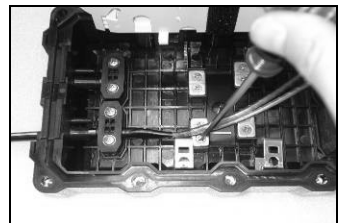


9. Fixing Cable Sheath

Put the optical cable with sheath gasket on the entry of the closure and close it with upper sheath holder..



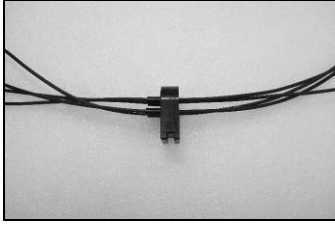
Fix the cable sheath by using a screwdriver



10. Fixing Tension Member

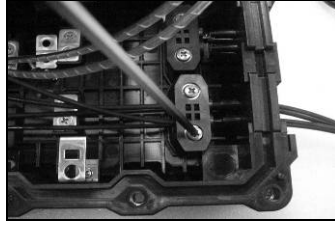
Lift up the splice tray and place the T/M (tension member) on the T/M supporter. Put the T/M supporter cover on the T/M and tighten them together by using a screwdriver.

CLOSURE (OFC-L-24)



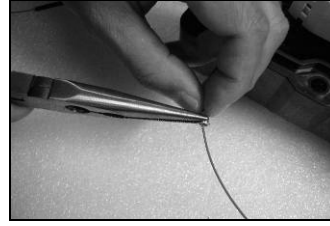
11. Inserting Drop Cable

Pass Drop Cable s through the sheath gasket to the cable cut end (option)



12. Fixing Cable Sheath

Put the drop cable with sheath gasket on the entry of the closure and close it with upper sheath holder.
Fix the cable sheath by using a screwdriver

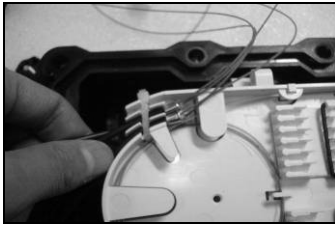


13. Fixing Drop Holder Ring

Drop holder ring Fixes drop cable end by pliers.



14.



15. Arranging drop cable and tube

Arrange the unit protection tubes and dorp cable considering the bending radius.



16. Splicing Preparation

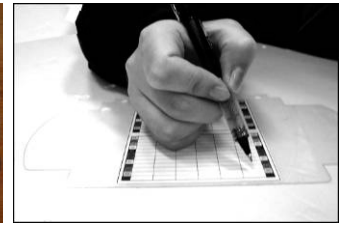
Clean the working desk and check the fibers carefully.
Cut each fiber end carefully to make a perpendicular cut to the fiber axis.



17. Splicing

Splice fibers in accordance with splicing method to be approved.
After the splice, insert the splice protection sleeve in each slit accordingly.
Coil surplus fibers in the tray.

Note1. Be careful not to twist or bend fibers



18. Arranging the splice

After the arrangement, apply the O-ring into the slit and close the tray lid.
Record each splice on the index card on the lid.



19. Putting Sealing Washer Ring

Apply the sealing washer ring on the part of below half shell only after cleaning.
Put the main body sealing washer ring on the groove.



20. Assembling the Closure

Place the upper main body to the lower one properly.



21. Mounting the Closure

Tighten the closure body with the provided screws listed below.



21. Mounting the Closure

Fix the hanger bracket to the hanger connection part of the closure and mount the closure on a wall or manhole.

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