

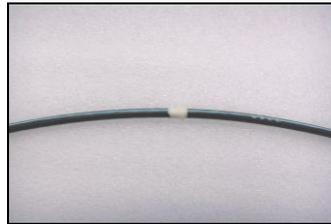
FTTH CLOSURE FOR OPTICAL CABLE

FTTH RN CLOSURE (VSOE-RN402A)



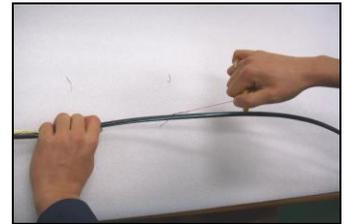
Component List

Items	Standard
Spiral Protection Tube	500mm
Cable Tie	100mm
Silica Gel	20g
High Vacuum Grease	10g
Hanger Bracket Set	-



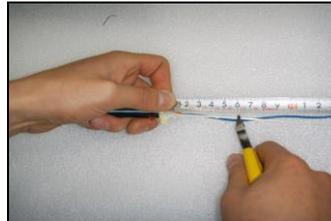
1. Marking a Cutting Point

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



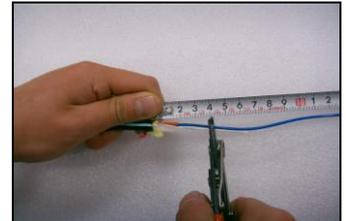
2. Sheath Removing

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



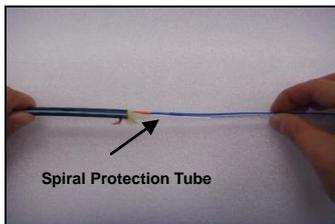
3. Cutting Tension Member

Leave 5~7cm from the cable and cut off the tension member.



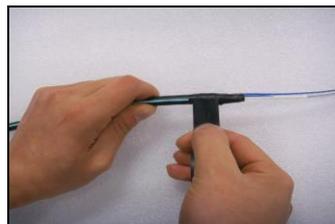
4. Removing Loose Tubes

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.

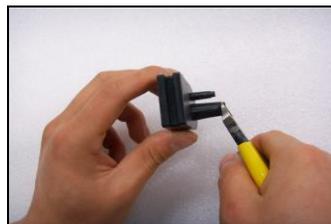


5. Inserting Unit Protection Tube

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

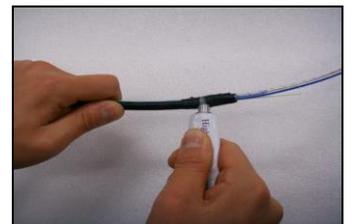


Wrap the tape around the end point of protection tube at cable side.



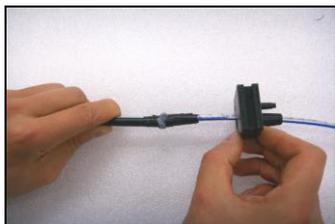
6. Cutting 2 Port Sheath Gasket

Cut off the sheath gasket.



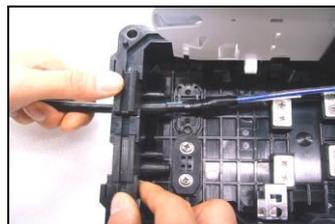
7. Applying High Vacuum Grease

Apply the high vacuum grease on the cable end to prevent the cable sheath from scratch and make it easy for sheath gasket insertion.



8. Inserting Unit Protection Tube

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



9. Fixing Cable Sheath

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



10. Fixing Tension Member

Fix the cable sheath by using a screwdriver.

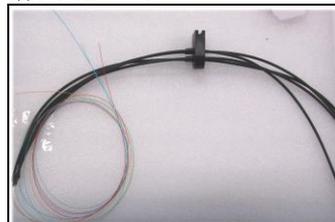


Put the T/M supporter cover on the T/M and tighten them together by using a screwdriver.



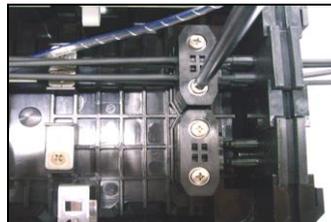
11. Cutting 4 Port Sheath Gasket

Cut off the sheath gasket.



12. Inserting Drop Cable

Pass Drop Cable s through the sheath gasket to the cable cut end.



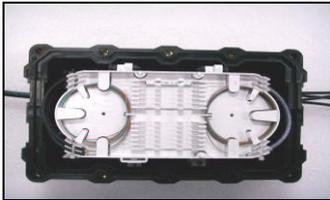
13. Fixing Cable Sheath

Fix the cable sheath by using a screwdriver.

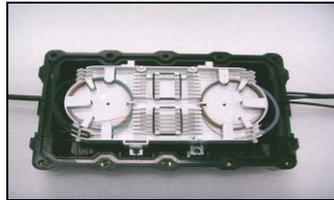


14. Arranging drop cable and tube

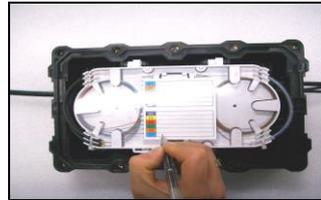
Arrange the unit protection tubes and drop cable considering the bending radius.



15. 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.



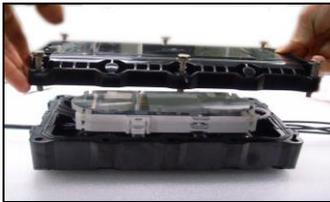
16. Splicing
Splice fibers in accordance with splicing method to be approved.
After the splice, insert the splice protection sleeve in each slit accordingly.
Coil surplus fibers in the tray.
Note1. Be careful not to twist or bend fibers



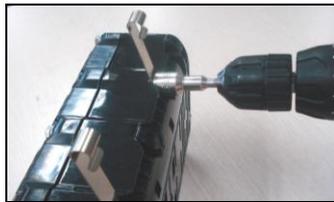
17. Arranging the splice
After the arrangement, apply the O-ring into the slit and close the tray lid.
Record each splice on the index card on the lid.



18. Putting Gasket
Apply the high vacuum grease on the part of sheath gasket only after cleaning.
Put the main body gasket on the groove.



19. Assembling the Closure
Place the upper main body to the lower one properly



20. Aerial Mounting
Connect tow hangers to the body with bolts and spring wash.



21. Pole Mounting
Hang the closure on the wire properly by using aerial hangers.



Connect tow hangers to the body with bolts and spring wash.

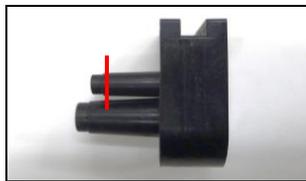


Pass the pole band through the hole of the hanger bracket and mount the closure on a pole.

Fixing the Drop Cable



1. Cutting 2 Port Sheath Gasket



Sheath Gasket Cutting line.



2. Inserting Drop Cable



3. Fixing Cable Sheath



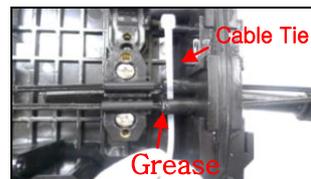
Fixing the Flat Drop Cable



1. Flat Drop Cable Insertion



2. Inserting Flat Drop Gasket



3. Fixing the Flat Drop Gasket



4. Inserting Flat Drop Holder Gasket



5. Fixing Cable Sheath