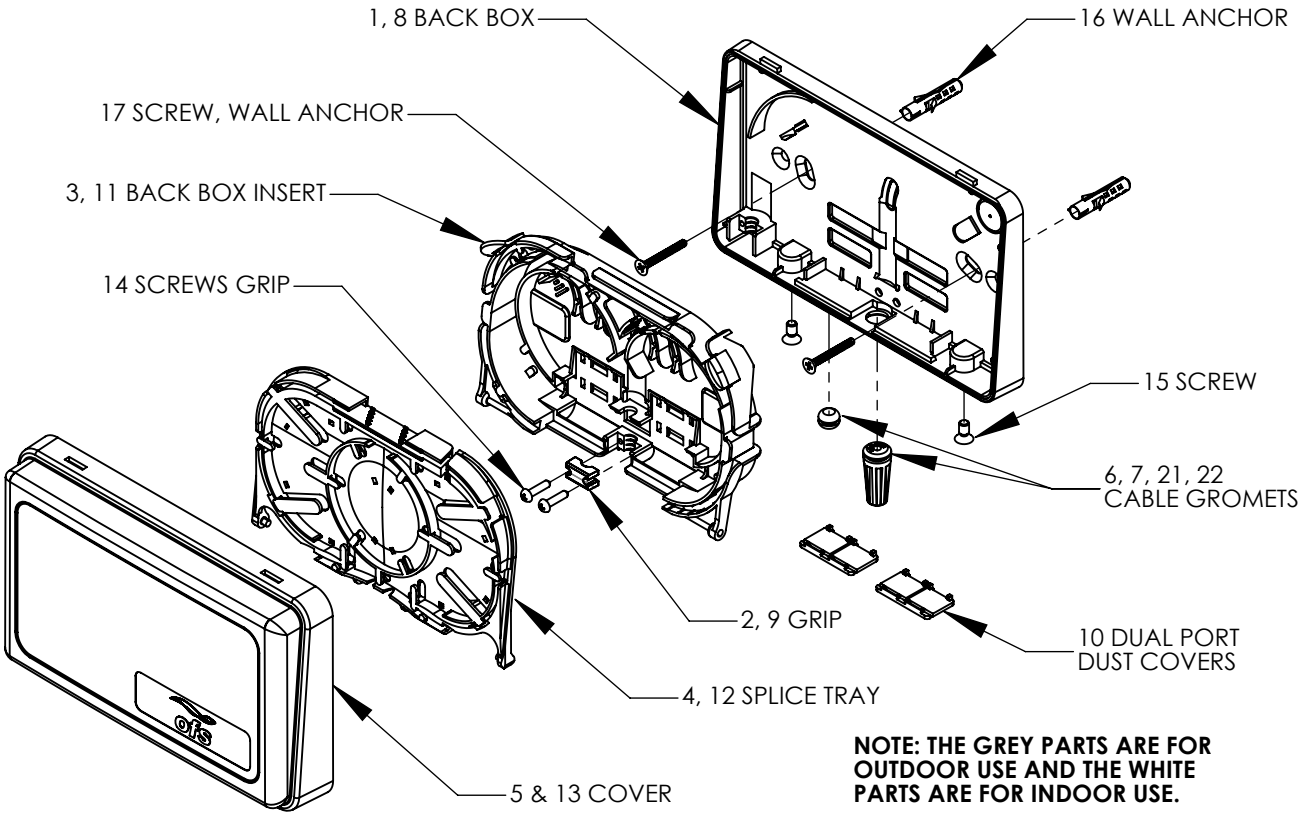
CUSTOMER SPLCE POINT (CSP) MODULE

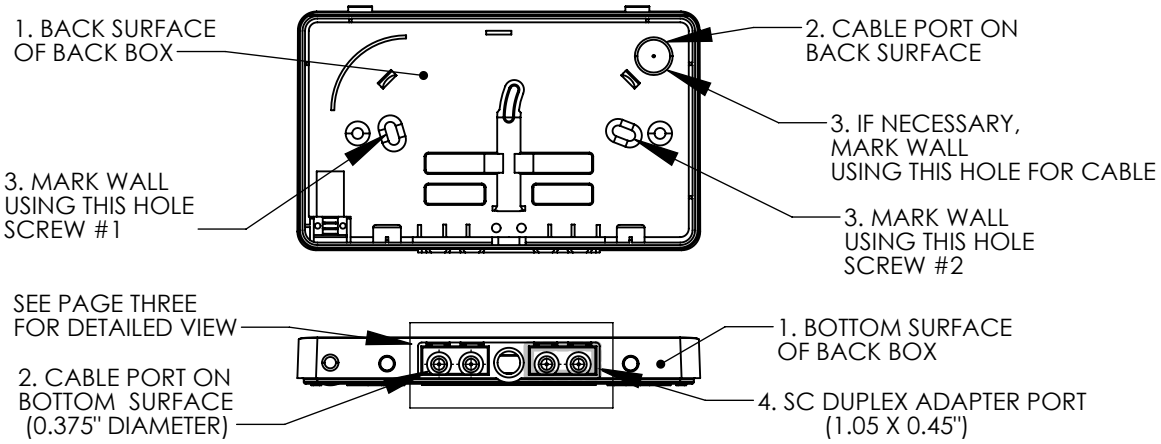


NOTE: THE GREY PARTS ARE FOR OUTDOOR USE AND THE WHITE PARTS ARE FOR INDOOR USE.

STOCKLIST

CUSTOMER SPLICE POINT MODULE		301040556 (WHITE)	301040564 (GREY)
Item	Description	Qty	Qty
1	Back Box (White)	1	
2	Cable Grips, Flat & Round Cable (White)	2	
3	Back Box Insert (White)	1	
4	Splice Tray (White)	1	
5	Cover, OFS Logo (White)	1	
6	4.6 - 4.8mm Cable Grommet (Long), CSP Module	1	1
7	5.6 - 6.2mm Cable Grommet (Long), CSP Module	1	1
8	Back Box (Grey)		1
9	Cable Grips, Flat & Roung Cable (Grey)		2
10	Dual Port Dust Cover (Grey)		2
11	Back Box Insert (Grey)		1
12	Splice Tray (Grey)		1
13	Cover, OFS Logo (Grey)		1
14	M2X9mm PH Phillips Screw	2	2
15	M4X8mm Flat Hd Phillips Screw	2	2
16	Finned Screw Anchor #8-10 Screw 1.18LG x .18 ID	2	2
17	M3.5 X 25mm Flat Hd Phillips Self Tapping Screw	2	2
18	M4X7.10mm Threaded Insert Self Tapping Slotted Drive	2	2
19	O Ring 6"ID X 6.193"OD X 3/32"Width	1	1
20	Instruction	1	1
21	Grommet, 2mm (Round)	1	1
22	Grommet, 4.8mm (Round)	1	1

KNOCK OUT CABLE PORTS & MARK DRILL HOLES ON WALL



1. DETERMINE IF BOTH CABLES WILL ENTER THE CUSTOMER SPLICE POINT (CSP) MODULE THROUGH THE BOTTOM SURFACE OF THE BACK BOX, OR IF ONE CABLE WILL ENTER THE CSP MODULE THROUGH THE BACK SURFACE OF THE BACK BOX.

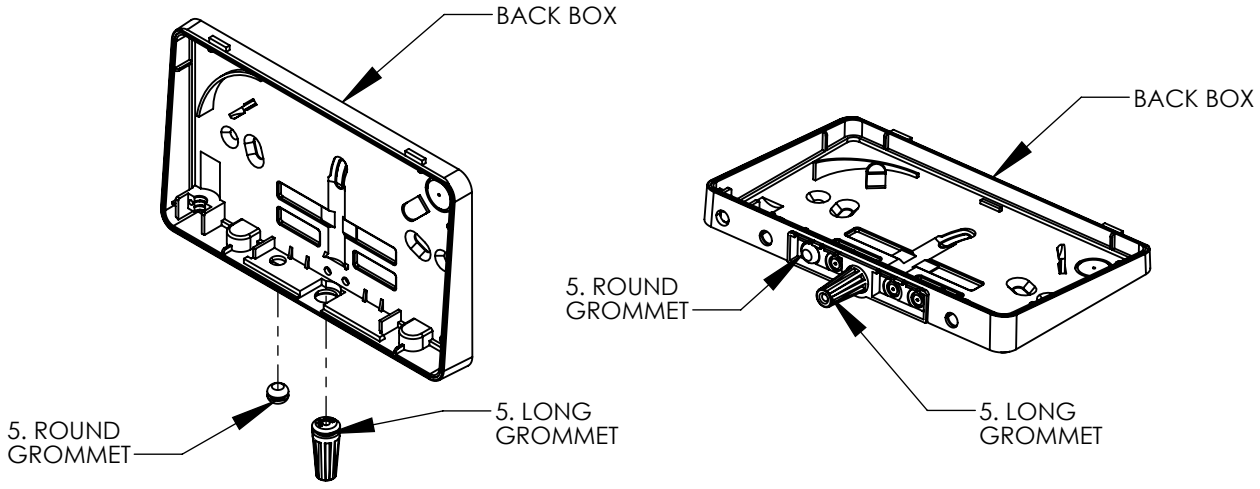
2. KNOCK OUT THE APPROPRIATE CABLE PORT IN THE BACK BOX.

3. USE THE BACK BOX TO MARK THE WALL WHERE IT WILL FASTEN. SEE PAGE 3. MARK THE WALL IN TWO PLACES IF BOTH CABLES ENTER THROUGH THE BOTTOM SURFACE OF THE BACK BOX. MARK THE WALL IN THREE PLACES IF ONE CABLE ENTERS THROUGH THE BACK SURFACE OF THE BACK BOX. MAKE SURE THE BACK BOX IS LEVEL WHEN THE HOLES ARE MARKED.

4. CUT OUT THE RECTANGULAR SC DUPLEX ADAPTER PORT WITH A SHARP KNIFE OR SINGLE EDGE RAZOR BLADE WHEN A SC DUPLEX ADAPTER IS USED.

CAUTION: DO NOT KNOCK OUT THE SC DUPLEX ADAPTER PORT THE SMALL PLASTIC MEMBER ABOVE THIS PORT WILL BREAK IF KNOCK OUT IS ATTEMPTED.

INSERT CABLE GROMMETS



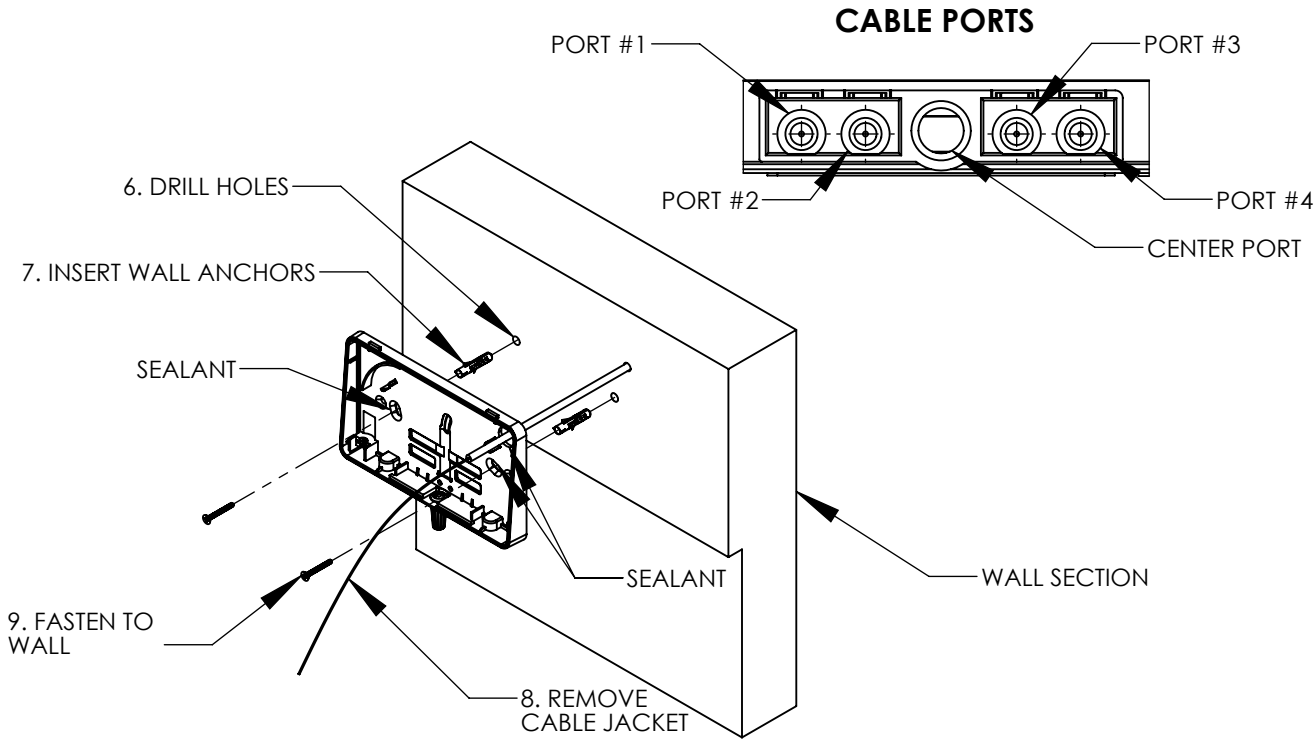
5. IF BOTH CABLES ENTER THROUGH THE BOTTOM SURFACE OF THE BACK BOX, THEN INSERT THE ROUND GROMMET INTO THE CABLE PORT, WHICH WAS KNOCKED OUT. INSERT THE LONG GROMMET INTO THE CENTER CABLE PORT, WHICH IS PROVIDED OPEN.

NOTES:

FOR FLAT DROP CABLE DO NOT USE THE LONG GROMMET. USE SILICONE SEALANT TO FILL AND SEAL THE CABLE PORT.

THE TWO LONG GROMMETS ARE FOR 4.6-4.8MM OD AND 5.6-6.2MM OD CABLES. THE SIZE FOR EACH IS MARKED ON THE LARGE END OF THE GROMMET. THE TWO ROUND GROMMETS ARE FOR 2MM AND 4.8MM OD CABLES.

FASTEN BACK BOX TO WALL



6. FOLLOW SAFETY GUIDLINES AND LOCAL PRACTICES WHEN DRILLING HOLES INTO AN UNFAMILIAR WALL. DRILL TWO .295" (7.5MM) OD X 1 1/4" (31.75MM) DEEP HOLES FOR THE WALL ANCHORS. IF REQUIRED, THE THIRD HOLE IS FOR THE CABLE. SIZE THE CABLE HOLE SO THAT IT EASILY PASSES THROUGH THE WALL.

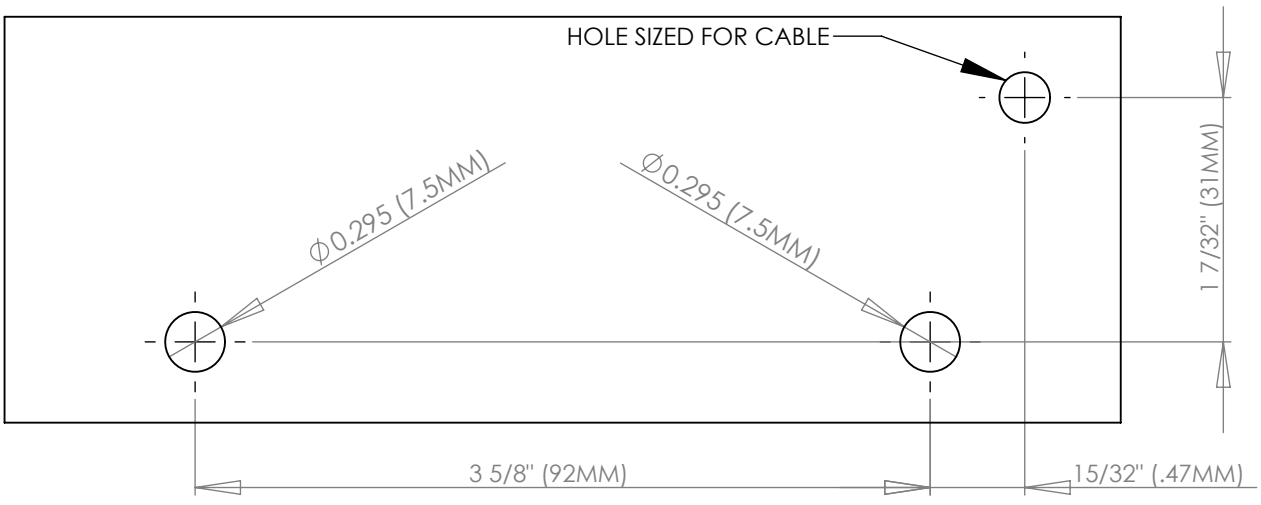
NOTE: IF THE WALL ANCHORS ARE NOT USED AND THE SCREWS ARE SCREWED DIRECTLY INTO THE WALL, THEN THE HOLE SIZE IS 0.125" (3.2MM).

7. INSERT THE WALL ANCHORS INTO THE TWO .295" (7.5MM) OD HOLES. PUSH THEM IN SO THAT THEIR SHOULDER BUTTS UP AGAINST THE WALL.

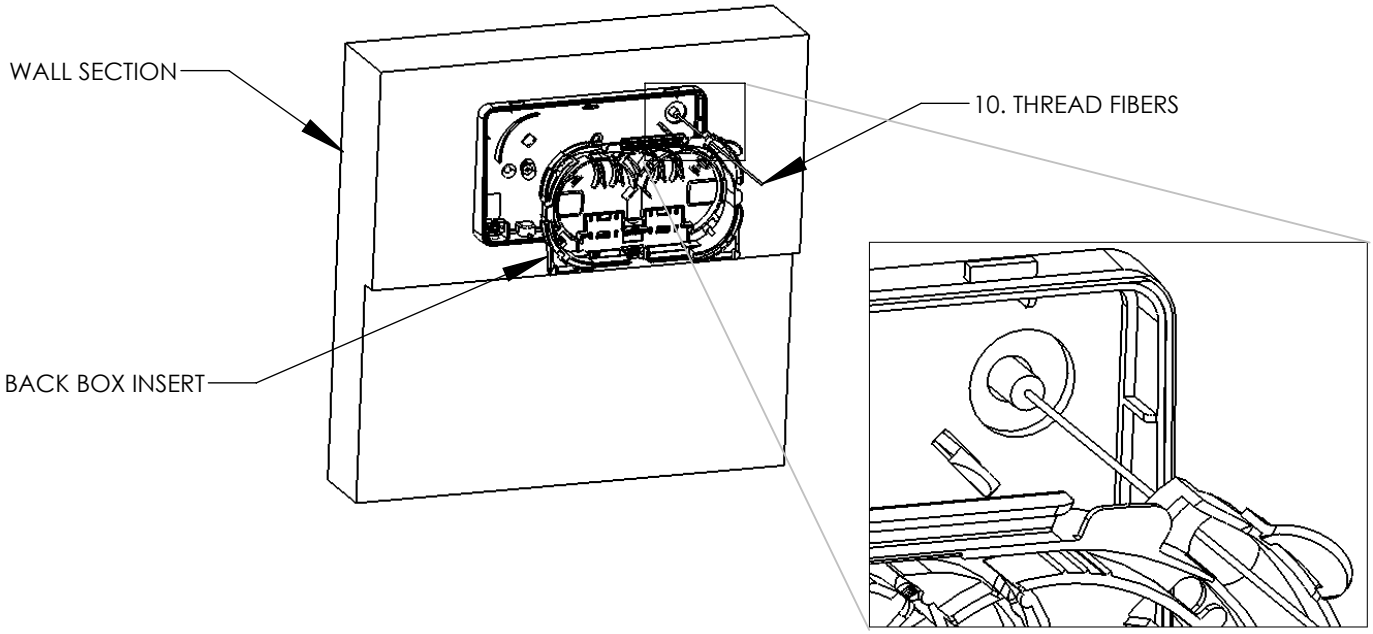
8. REMOVE 43 INCHES (1092MM) OF CABLE JACKET FROM THE CABLE ENTERING THE BACK SURFACE OF THE BACK BOX. ANCHOR, SEAL, AND GROUND THIS CABLE AS PER LOCAL PRACTICE SO THAT THE CABLE JACKET ENDS JUST INSDIE THE BACK BOX.

9. FASTEN THE BACK BOX TO THE WALL USING TWO M3.5 X 25MM SCREWS. SEAL THE TWO SCREW HOLES AS PER LOCAL PRACTICE. SEAL THE HOLE IN THE BACK SURFACE OF THE BACK BOX WHERE THE FIBERS ENTER IT.

FULL SIZE DRILL PATTERN

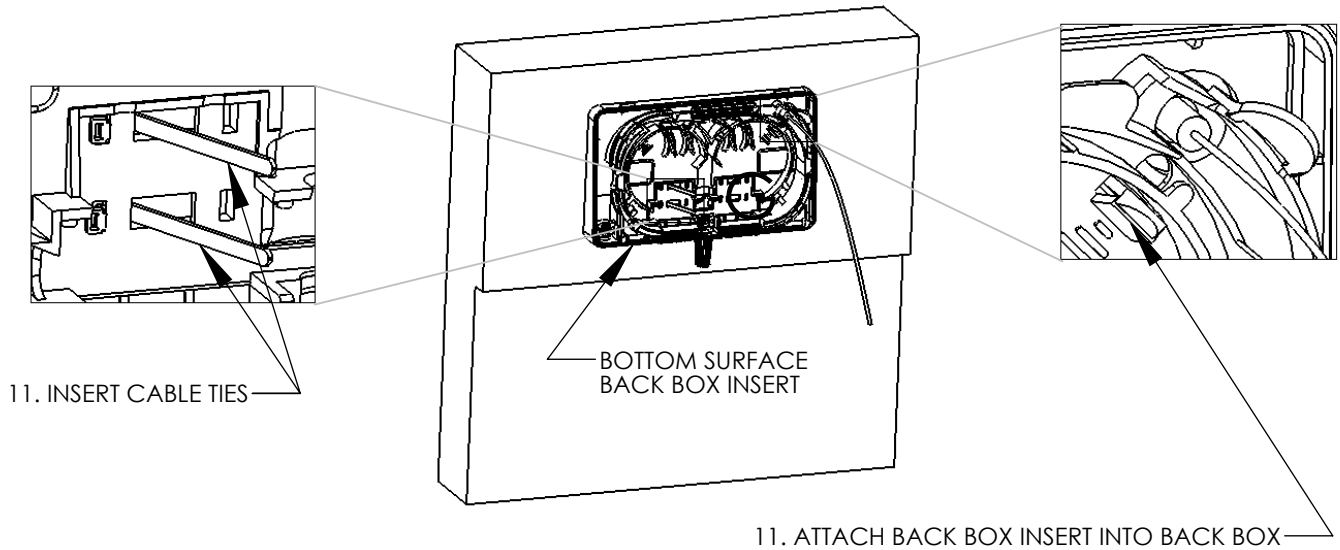


THREAD CABLE THROUGH BACK BOX INSERT



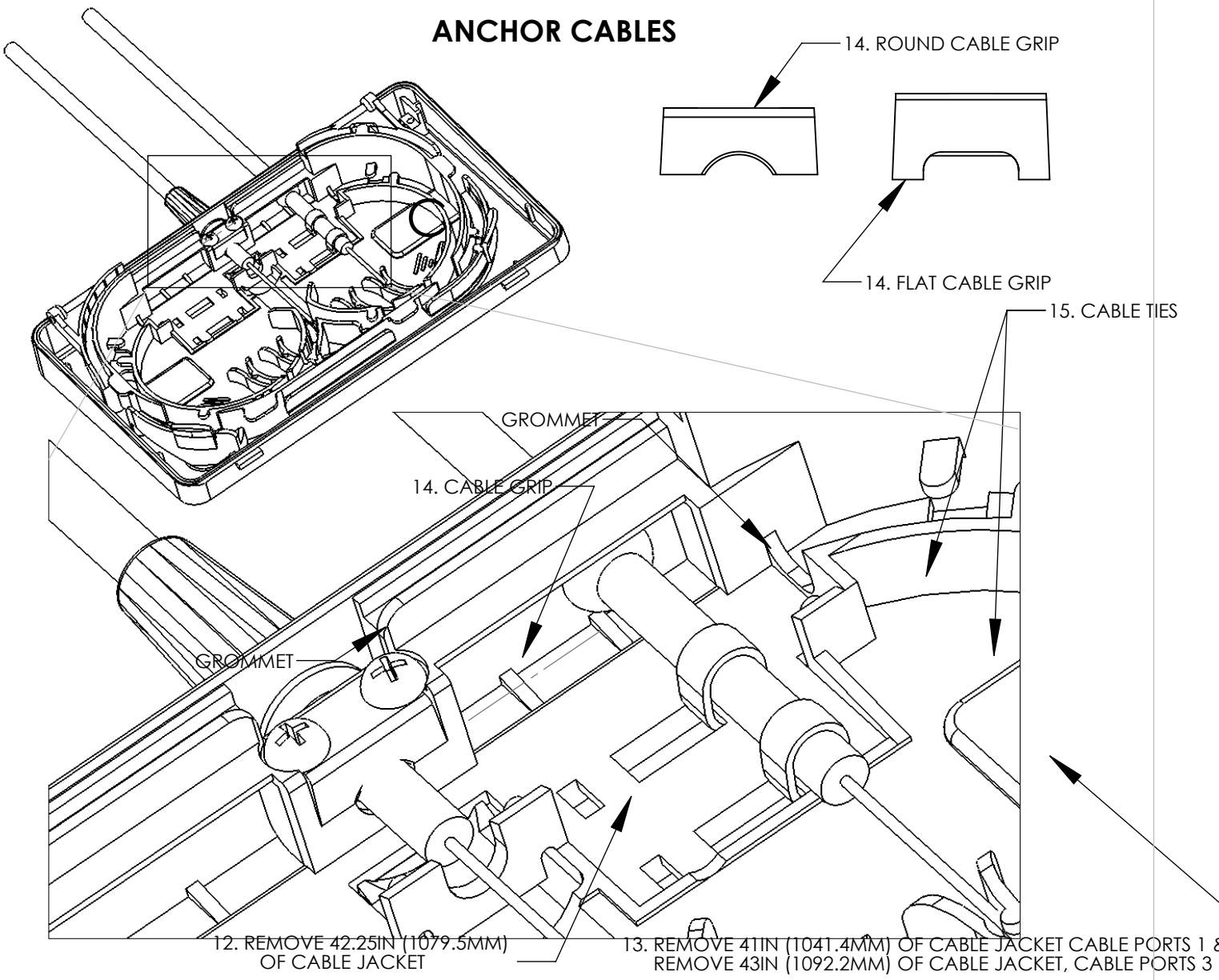
10. IF A CABLE ENTERS THE BACK BOX THROUGH ITS BACK SURFACE, THEN THREAD THE FIBERS THROUGH THE HOLE IN THE BACK BOX INSERT.

INSERT BACK BOX INSERT



11. INSERT TWO CABLE TIES PRIOR TO ATTACHING THE BACK BOX INSERT INTO THE BACK BOX. ATTACH THE BACK BOX INSERT INTO THE BACK BOX SO THAT THE TWO BACK BOX LATCHES SNAP ONTO THE TWO BACK BOX INSERT CATCHES. IF BOTH CABLES ENTER THE MODULE THROUGH THE BOTTOM SURFACE OF THE BACK BOX, THEN ATTACH THE BACK BOX INSERT INTO THE BACK BOX WITHOUT THREADING THE FIBERS.

ANCHOR CABLES



12. REMOVE 42.25IN (1079.5MM) OF CABLE JACKET FROM THE CABLE ENTERING THE CENTER CABLE PORT.

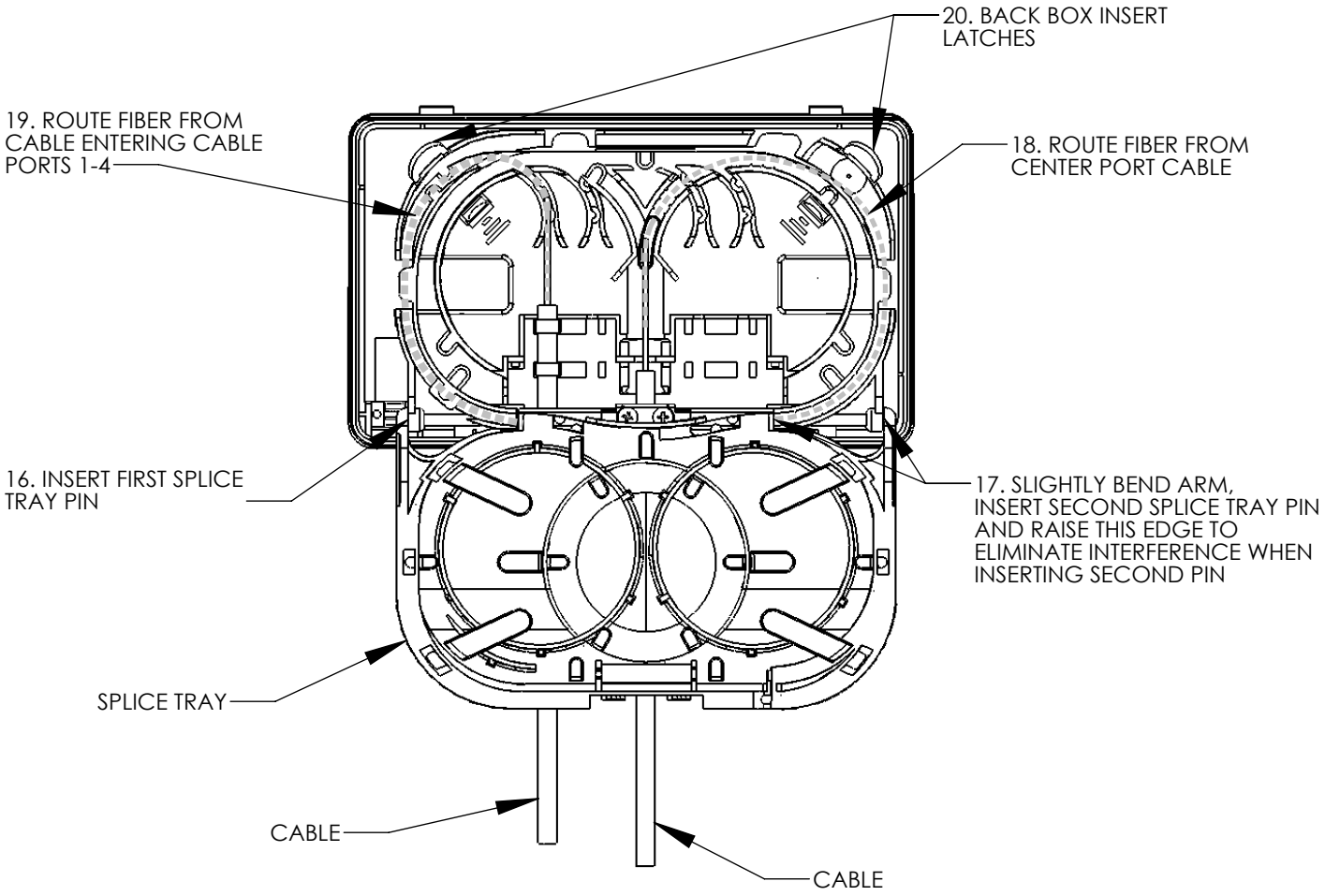
13. REMOVE 41IN (1041.4MM) OF CABLE JACKET FROM THE CABLE ENTERING CABLE PORTS 1 & 2. REMOVE 43" (1092.2MM) OF CABLE JACKET FROM THE CABLE ENTERING CABLE PORTS 3 & 4. SEE PAGE 3.

14. INSERT THE CABLE THROUGH THE GROMMET AND SECURE WITH CABLE GRIP AND TWO SCREWS. USE EITHER THE ROUND CABLE GRIP OR THE FLAT CABLE GRIP TO ANCHOR THE CABLE. ALLOW 3/8IN (9.5MM) OF CABLE JACKET TO PROTRUDE PAST THE THE GRIP. GROUND THE CABLE OUTSIDE THE MODULE AS PER LOCAL PRACTICE.

15. INSERT THE CABLE THROUGH THE GROMMET AND SECURE WITH TWO CABLE TIES. ALLOW 1/4IN (6.35MM) OF CABLE JACKET TO PROTRUDE PAST THE SECOND CABLE TIE. GROUND THE CABLE OUTSIDE THE MODULE AS PER LOCAL PRACTICE.

NOTE: IF ADDITONAL FIBER SLACK IS REQUIRED FOR SPLICING ADD SLACK IN 10IN (254.0MM) TO 13.5" (342.90MM) INCREMENTS.

FIBER ROUTE WHEN BOTH CABLES ENTER THROUGH BOTTOM WALL OF MODULE



16 INSERT ONE OF THE TWO SPLICE TRAY PINS INTO ONE OF THE TWO HOLES LOCATED IN THE BACK BOX INSERT.

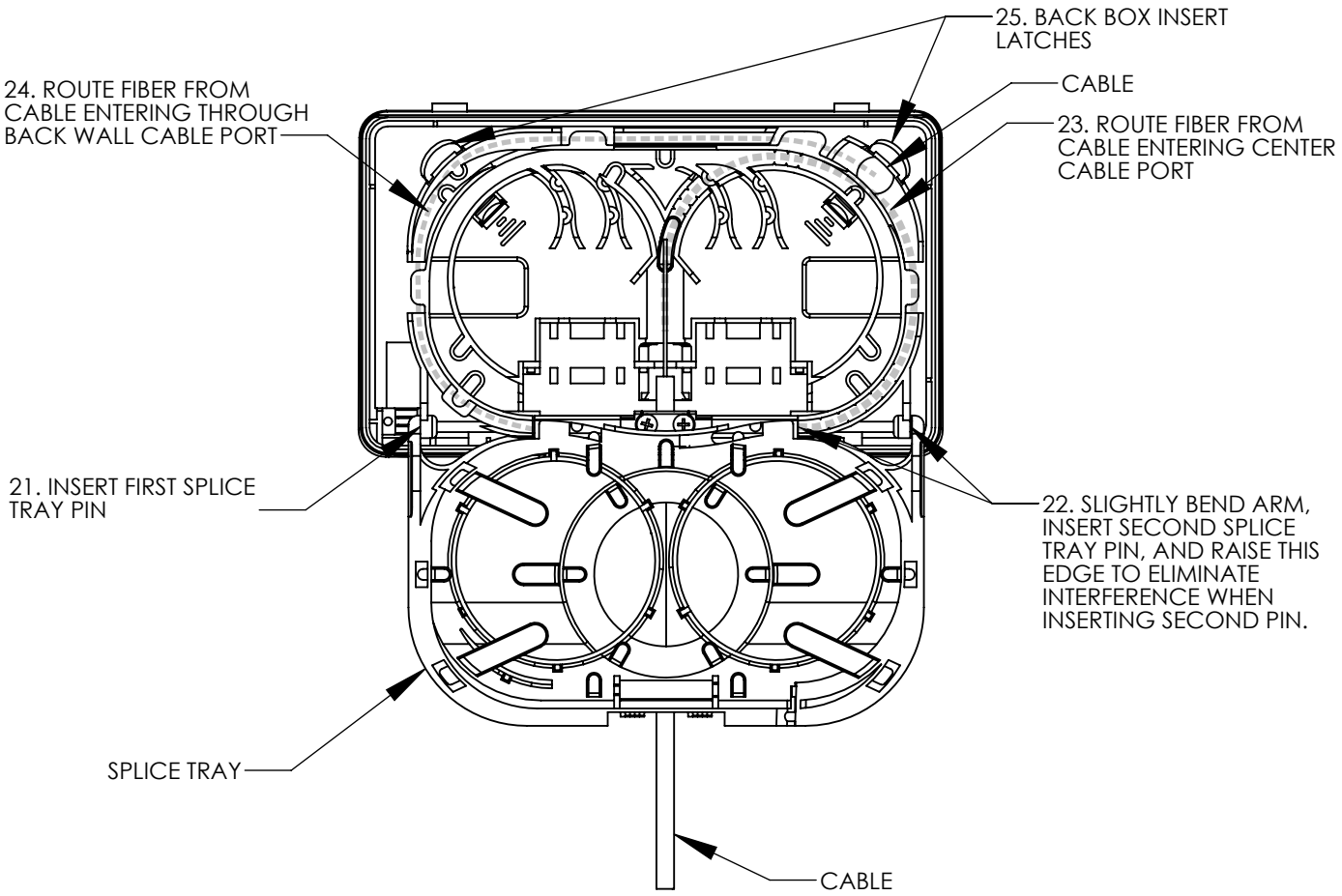
17. SLIGHTLY BEND THE ARM WITH THE SECOND PIN WHILE RAISING THE TRAY AWAY FROM THE BACK BOX INSERT AND INSERT THIS PIN INTO THE SECOND HOLE LOCATED IN THE BACK BOX INSERT.

18. ALWAYS ROUTE THE FIBER FROM THE CABLE ENTERING THE CENTER CABLE PORT TO THE SPLICE TRAY AS SHOWN.

19. ROUTE THE FIBER FROM CABLE PORTS 1-4 TO THE SPLICE TRAY AS SHOWN.

20. AFTER ALL THE FIBERS HAVE BEEN ROUTED INTO THE SPLICE TRAY CLOSE THE SPLICE TRAY. THE BACK BOX INSERT LATCHES WILL SNAP ONTO THE SPLICE TRAY CATCHES.

FIBER ROUTE WHEN ONE CABLE ENTERS THROUGH BACK WALL OF MODULE



21. INSERT ONE OF THE TWO SPLICE TRAY PINS INTO ONE OF THE TWO HOLES LOCATED IN THE BACK BOX INSERT.

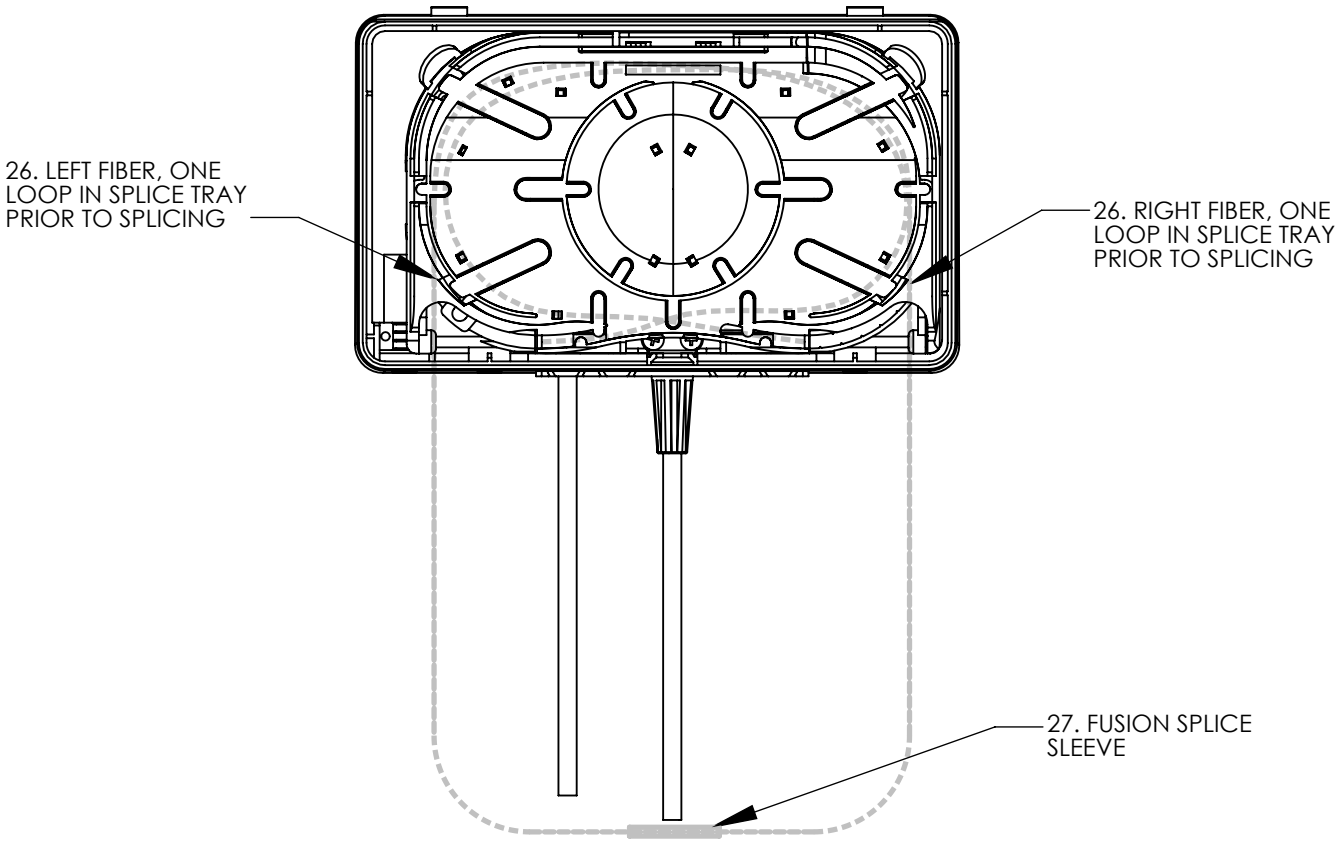
22. SLIGHTLY BEND THE ARM WITH THE SECOND PIN WHILE RAISING THE TRAY AWAY FROM THE BACK BOX INSERT AND INSERT THIS PIN INTO THE SECOND HOLE LOCATED IN THE BACK BOX INSERT.

23. ALWAYS ROUTE THE FIBER FROM THE CABLE ENTERING THE CENTER CABLE PORT TO THE SPLICE TRAY AS SHOWN.

24. ROUTE THE FIBER FROM THE CABLE ENTERING THE MODULE THROUGH THE BACK WALL OF THE MODULE AS SHOWN.

25. AFTER ALL THE FIBERS HAVE BEEN ROUTED INTO THE SPLICE TRAY CLOSE THE SPLICE TRAY. THE BACK BOX INSERT LATCHES WILL SNAP ONTO THE SPLICE TRAY CATCHES.

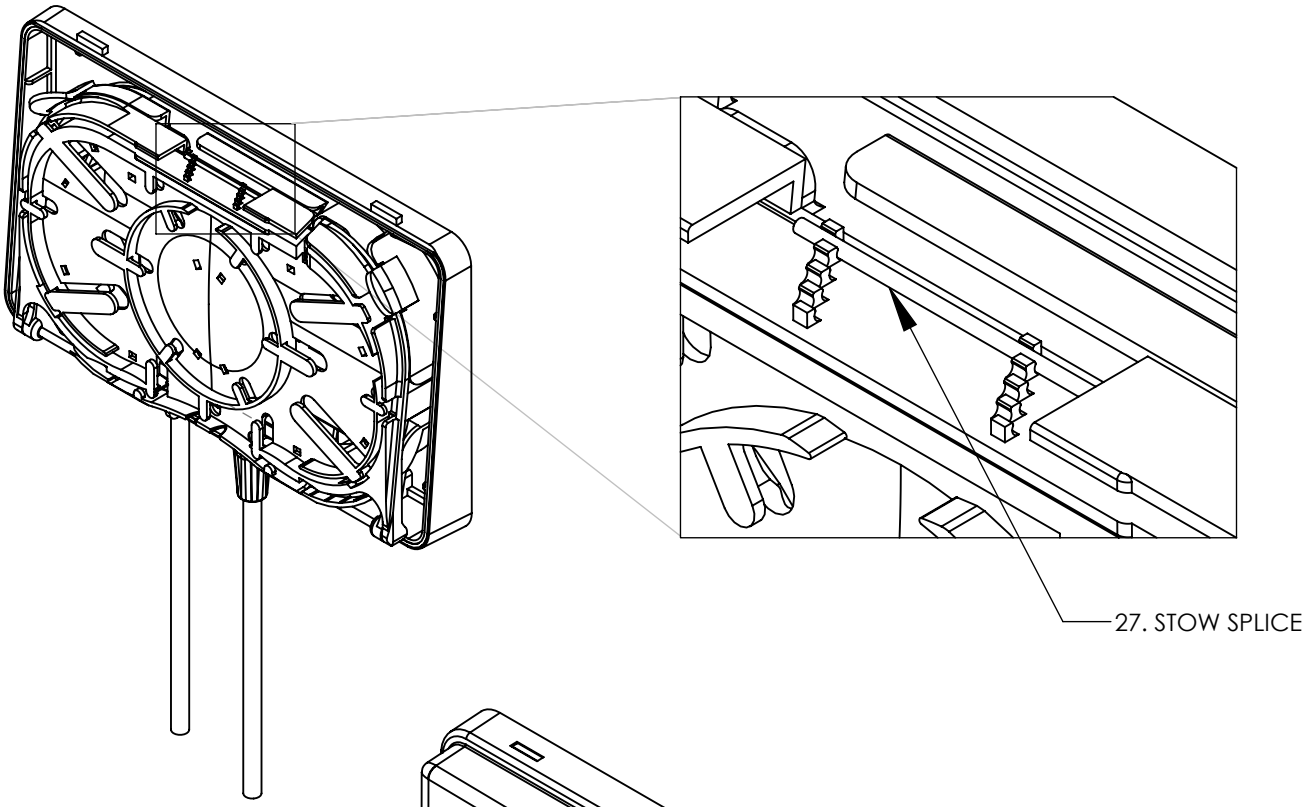
ROUTE AND SPLICE FIBERS

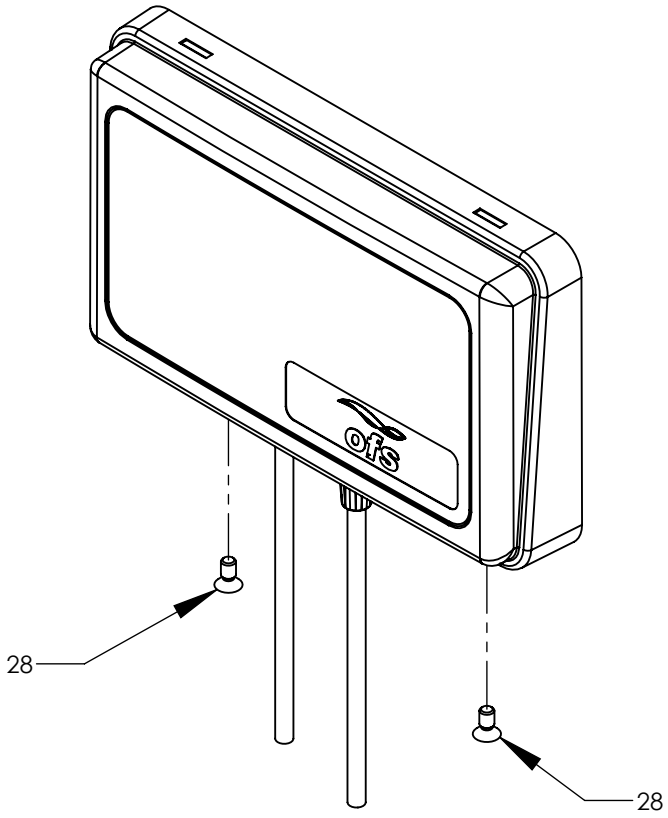


26. STOW ONE LOOP OF EACH FIBER IN THE SPLICE TRAY. TAKE EACH FIBER END OUT OF THE SPLICE TRAY.

27. USE PS-SP-059 FUSION SPLICE SLEEVE AVAIABLE FROM **FINISH ADAPT LLC** AND SPLICE THE FIBERS AS PER LOCAL PRACTICE.

STOW FUSION SPLICE

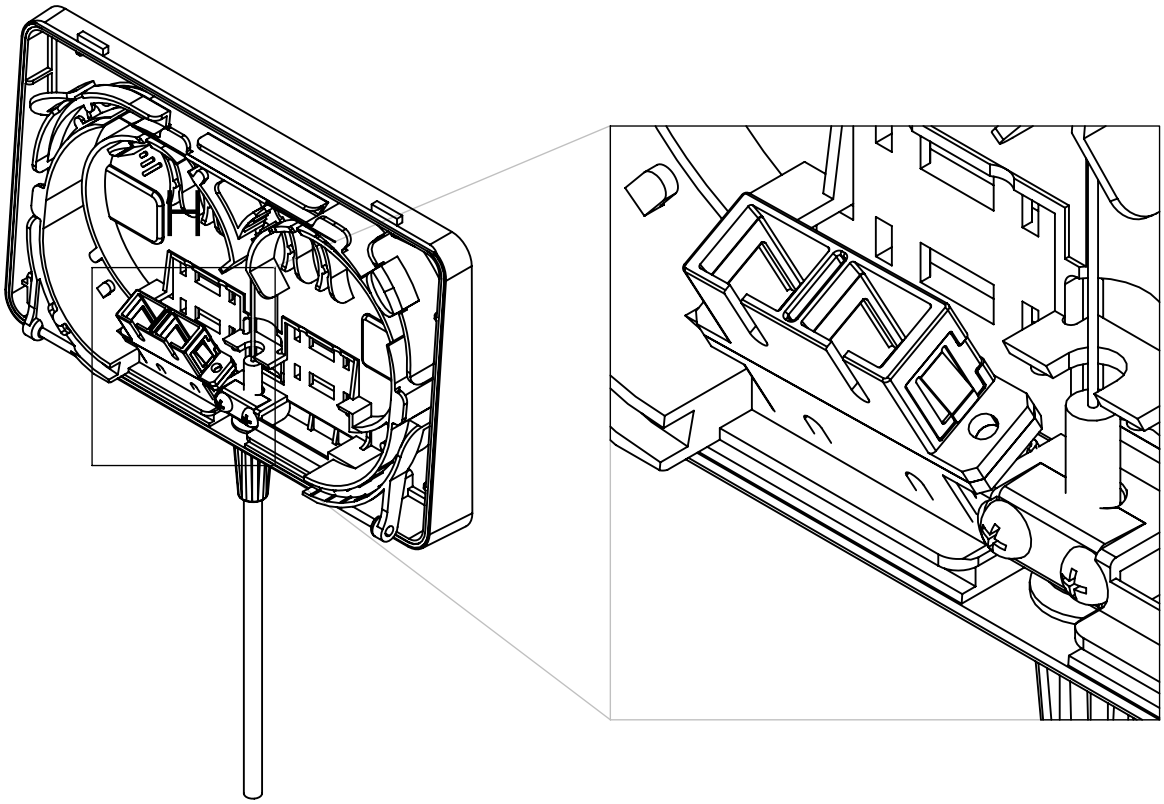




27. STOW THE COMPLETED SPLICE IN THE SPLICE HOLDER LOCATED AT THE TOP OF THE SPLICE TRAY.

28. AFTER STOWING ALL COMPLETED SPLICES AND STORING ALL THE FIBER SLACK, INSTALL THE COVER AND FASTEN TO THE BACK BOX USING TWO FLAT HEAD SCREWS.

INSERT SC DUPLEX ADAPTER



29. INSERT THE SC DUPLEX ADAPTER FROM THE INSIDE OF THE MODULE. ANGLE THE ADAPTER AN INSERT THE END WITHOUT THE METAL CLIP INTO THE SC ADAPTER PORT SO THAT IT PROTRUDES THROUGH THE PORT. THEN LAY THE ADAPTER FLAT AND PUSH IT INDISDE THE MODULE UNTIL THE METAL CLIPS SNAP ONTO THE PLASTIC WALL OF THE MODULE.