

HyperDrop PAS™ GEL 8 with 16 OptiTap®

Installation Instructions



MODELS

HDPAS-GELH-8-16P16

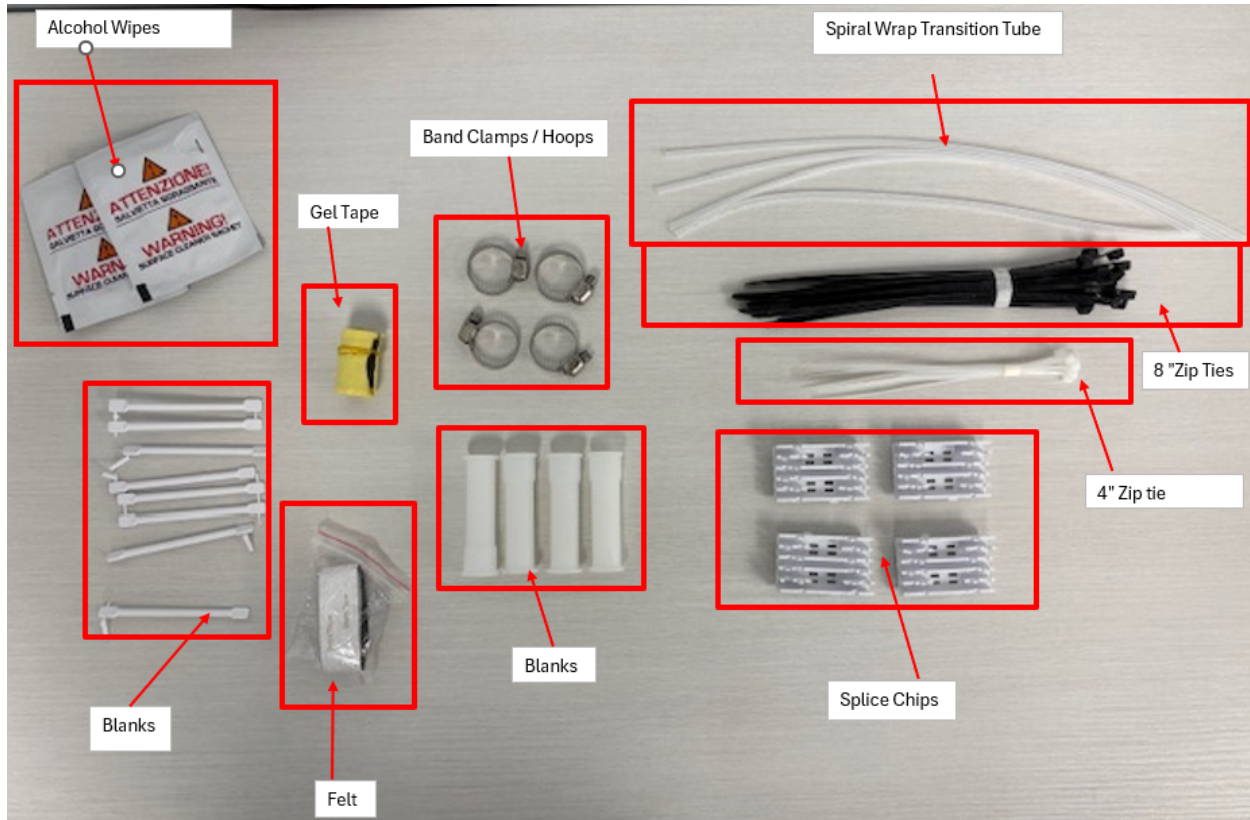
HyperDrop PAS™ GEL 8 with SC/APC H connectors that are compatible with OptiTaps®, IP68, 4 input/2 midspan, can hold 96 individual splice sleeves. OptiTap® side includes: 16 OptiTaps® with 16 simplex 1M pigtails preinstalled. Adapter side not populated.

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Included Accessories:



- Blank for input port – QTY 4
- Blank for output port – QTY 8
- PLC holder (for 1x2 /1x16 splitter or ribbon splice) – QTY 4
- Hoop – QTY 4
- Felt (2cm W x 25cm L) – QTY 2
- Gel tape (13.5cm L) – QTY 3
- Alcohol wipe – QTY 2
- Big zip tie – QTY 16
- Small zip tie – QTY 8
- Clear tube – QTY 3
- Spiral cable wrap – QTY 1

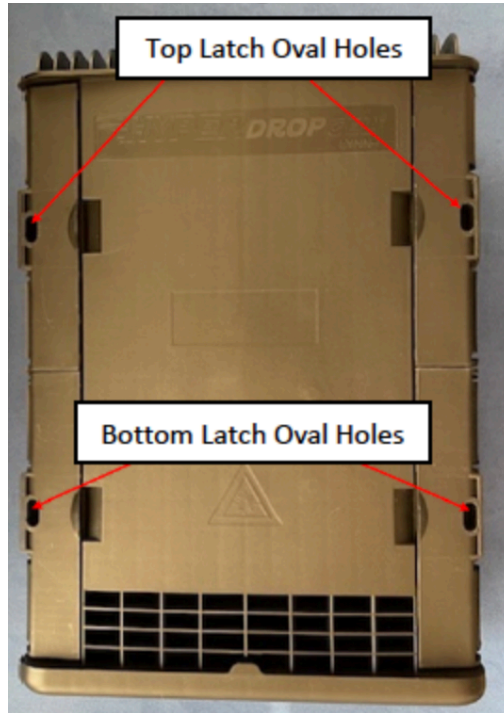
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Opening Enclosure:

Closure comes with 4 housing latches. Two latches on top two and two latches on bottom. When opening the case make sure to start at the bottom using a screwdriver in the oval cut out on each case latch.



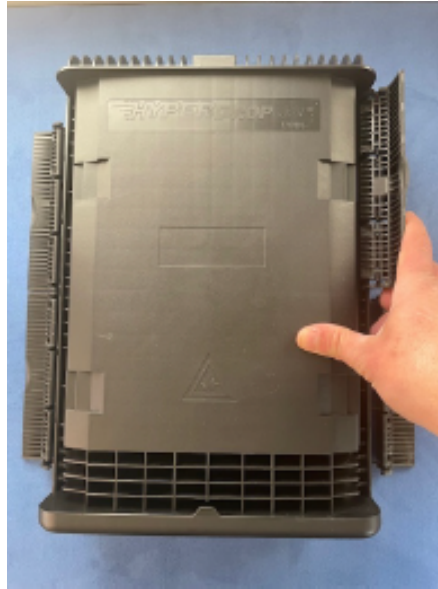
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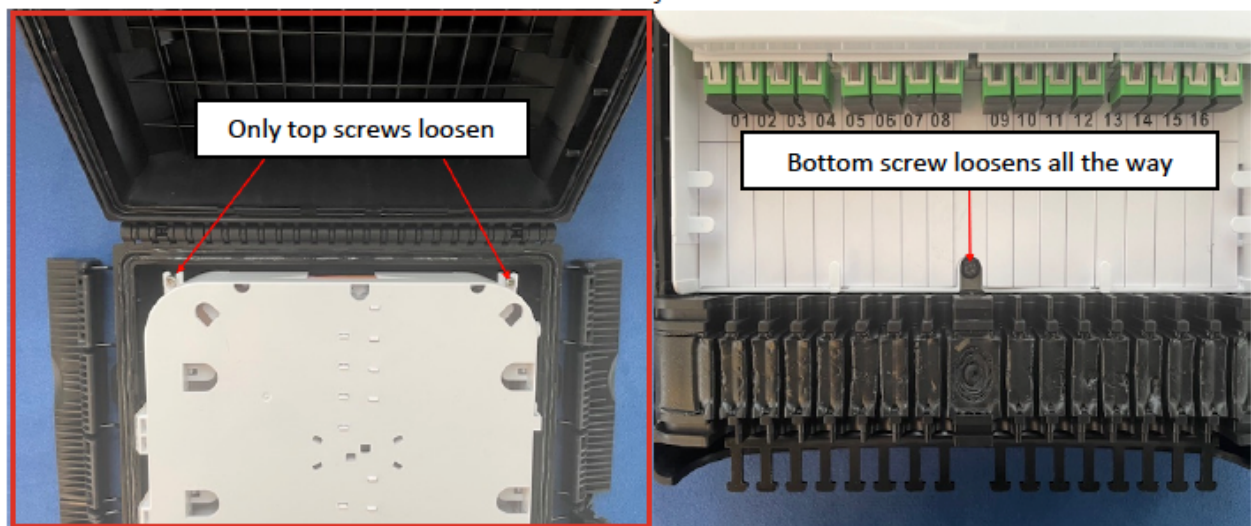
Closing Enclosure:

When closing the case, always make sure that you start with the top and move to the bottom. This will allow the case to shut with less force needed.



Removing splice tray:

1. When removing the splice tray there are 3 screws that are holding the tray in place - two screws at top and one in the center bottom of the tray. Top screws do not need unscrewed all the way, but center bottom screw will need to be unscrewed completely.

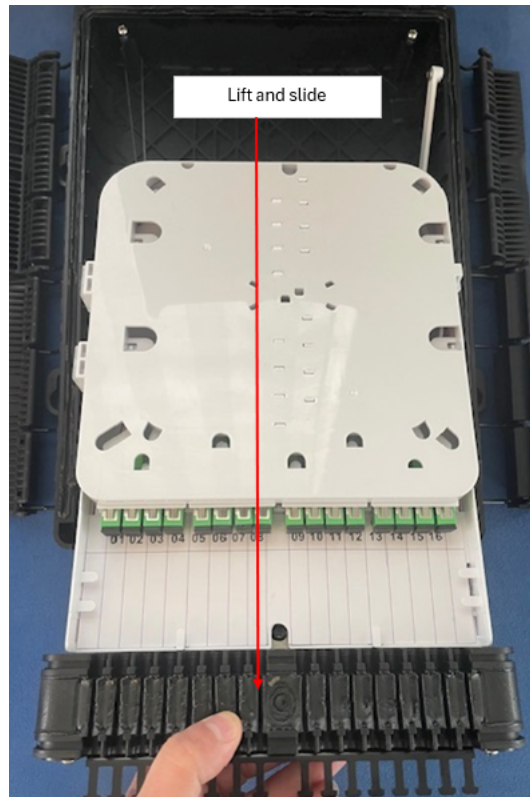


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- 2) Once top screws are loosened and bottom center screw is unscrewed completely, then the tray can be lifted at the bottom and slid out from the top screws. Make sure to remove the fail-safe tether at the top from around the screw when sliding out.



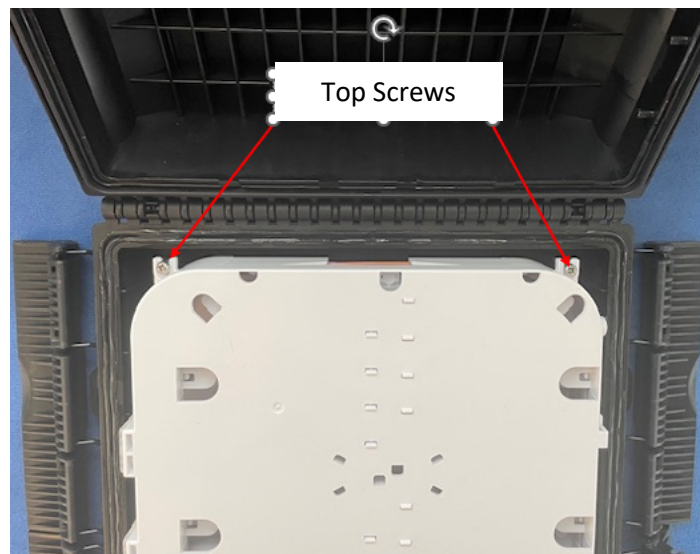
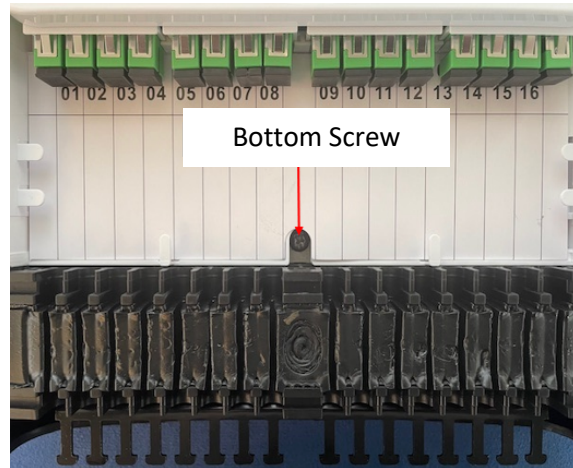
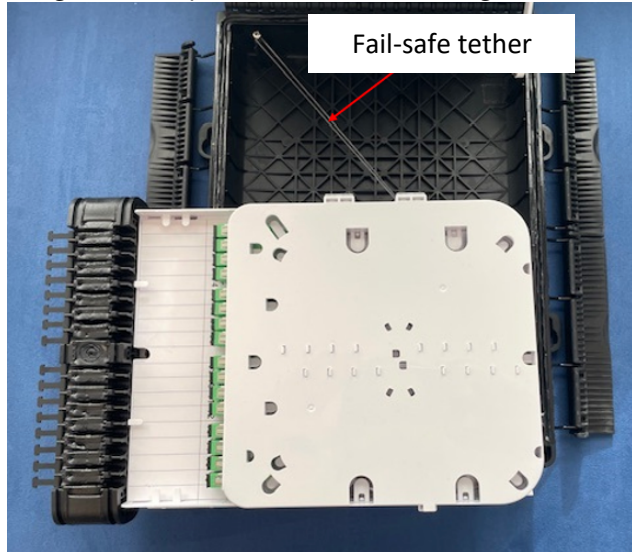
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Installing splice tray:

1. Place tray tether around top left screw
2. Tighten bottom middle screw
3. Tighten the top two screws on left and right.



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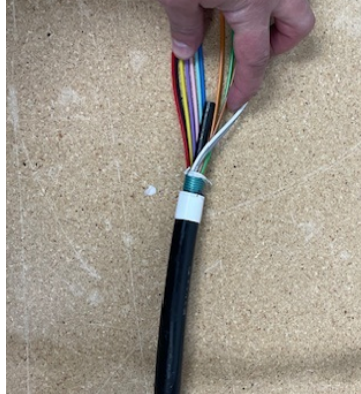
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Feeder Cable Installation:

1. Start by breaking feeder cable down and making a midspan opening of 1.5m / 72 inches.



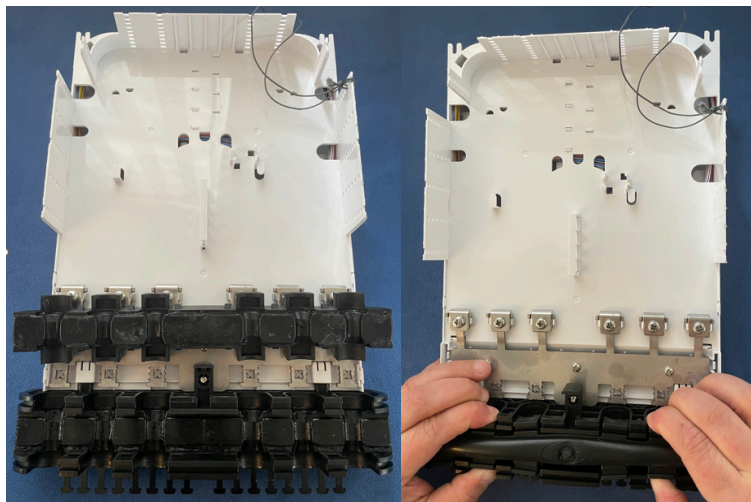
2. Removing aramid yarn, armor and outside jacket completely, with 2 inches of strength member exposed.



3. At base of fiber make sure to place a few wraps or electrical tape at the base of the opening. Please ensure to clean the fiber to allow the tape to stick to outside jacket of cable.



4. Open Gel block by compressing top to bottom to allow it to be removed from base.



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5. Loosen cable hoop/ band clamp and place around base of cable over Felt.



6. Place cable in rear of tray with strength member attached to screw down holder.



7. Secure hoop clamp to bottom metal bracket and tighten.



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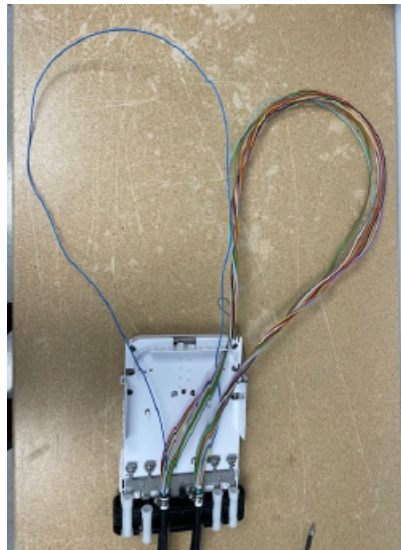
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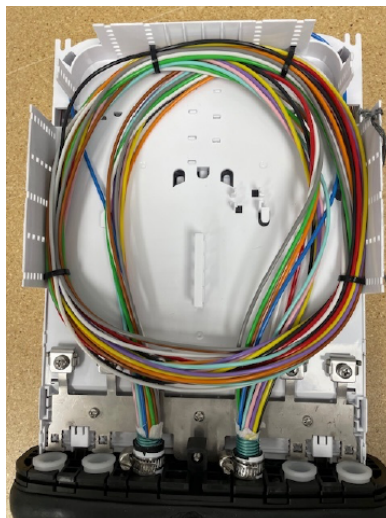
8. Replace gel block and ensure that all unused ports have blanks in place.



9. Route fibers to be spliced to the top and secure slack storage bundle to rear of tray.



10. Route unused cable bundle and secure to rear of splice tray using zip ties and cable management on tope left and right of the tray.

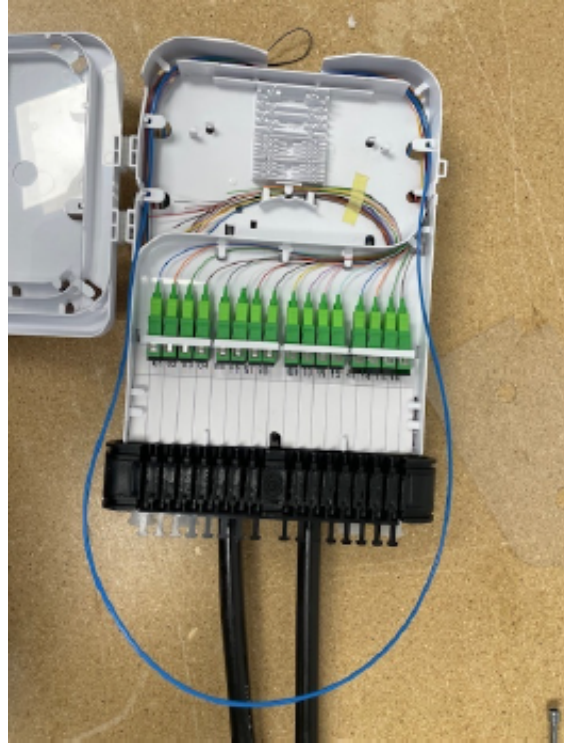


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11. Use fiber management ears on top of tray to transition fibers that are being spliced to the front of the fiber tray.

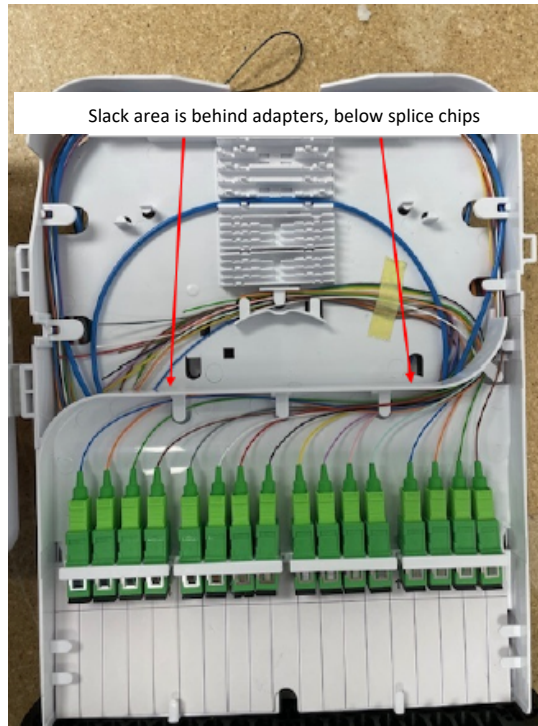


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- A. Store excess slack in bottom of tray in storage area pictured below.



- B. If transitioning to top splice tray spiral wrap has been provided and slack should be stored in the rear of the splice tray. A minimum of 48inch/1.21 meters should be allowed for splicing to be made when using top tray.

Drop Cable Installation:

Bulk Cable Splice Through

1. Measure fiber strip 3 meters/10 feet to allow for enough slack to splice.
2. Use drop slit tool to break the cable down to the internal buffer tube.



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- When routing make sure that you use the empty APC holders to guide fiber through splice tray to splice chip.



- Trim and store slack below splice chips behind base tray.



- Make sure to place felt on flat or round drop where drop contacts T-bar. If using toneable flat drop, remove the tracer wire before entering case.

****If felt is missed drop will no secure to case****



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6. Apply two zip ties around drop to secure to T-bar.



7. Place drop blanks in any output that is not being used.



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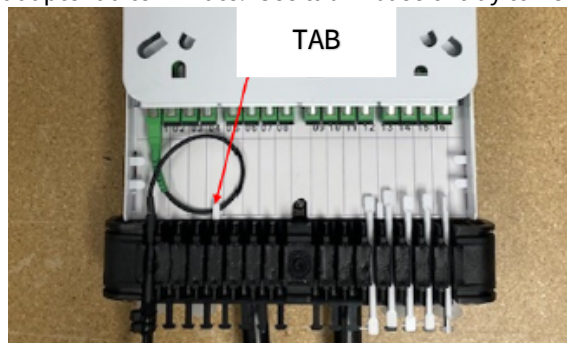


Pre-Connectorized Drops

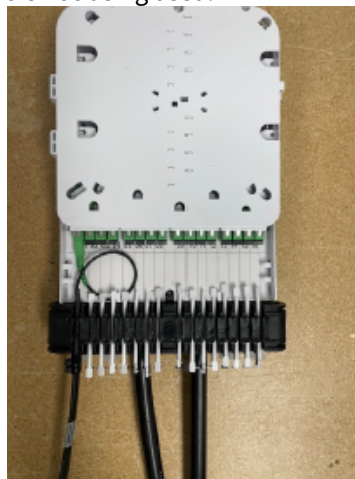
1. Place felt on drop where T-bar is located.



2. Place two zip ties on felt ad around T-bar
****If felt is missed, drop will not secure to case****
3. Coil slack into tray below adapter ad terminate. Use tab in base of tray to help hold slack.



4. Place drop blanks in any output that is not being used.



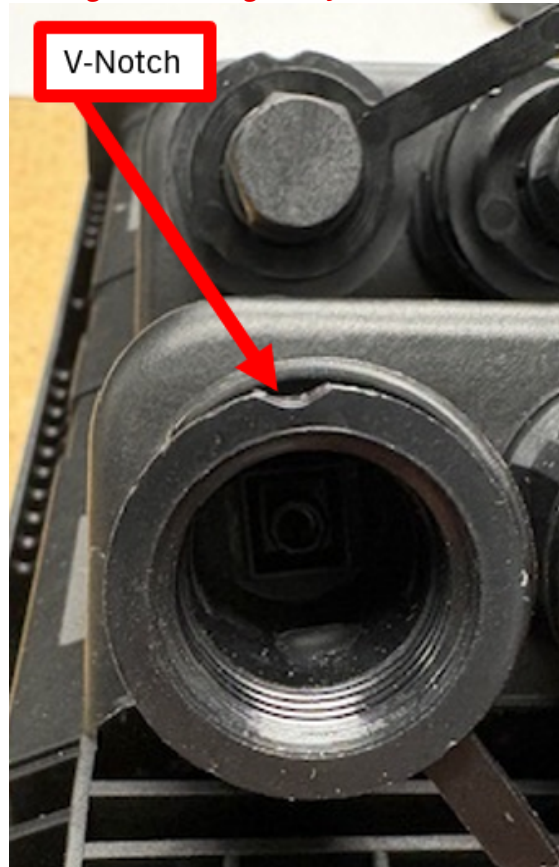
***When using more than one round or ROC drop in output space make sure to apply gel tap to on the drops to ensure a watertight seal.**

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5. When installing Opti tap drops please ensure to align arrow on drop with V-Notch on port.
***** Make sure to not over tighten hand tight only *****



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OptiTap® Port replacement

1. Open case and remove pigtail from port.



2. Place screwdriver on notch of the back nut and push counterclockwise to loosen



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3. Remove port from lid.



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4. Replace port make sure arrow on Opti Port is up.



5. Replace back nut with screwdriver and ensure not to over tighten.
If over tightened it will cause leaks. * requires 10 lb-ft *****



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6. Replace pigtail on port.



7. Ensure all dust caps are tightened before deployment.

