

TheNID with Reel

Installation Instructions



MODELS

FPP-TN-C3-SAB-NKHI3-050F	“TheNID” Fiber Patch Panel with 50 ft of micro armored pushable fiber with bullet end
FPP-TN-C3-SAB-NKHI3-100F	“TheNID” Fiber Patch Panel with 100 ft of micro armored pushable fiber with bullet end
FPP-TN-C3-SAB-NKHI3-150F	“TheNID” Fiber Patch Panel with 150 ft of micro armored pushable fiber with bullet end
FPP-TN-C3-BP	“TheNID” Fiber Patch Panel, empty
FPP-H-SAB-NKHI3-050F	Rotating slack storage reel with 50 ft of micro armored pushable fiber with bullet end
FPP-H-SAB-NKHI3-100F	Rotating slack storage reel with 100 ft of micro armored pushable fiber with bullet end
FPP-H-SAB-NKHI3-150F	Rotating slack storage reel with 150 ft of micro armored pushable fiber with bullet end

Installation Instructions

Designed for flat or round drop cable entry, TheNID is a compact outdoor fiber-optic network interface device for FTTx applications.

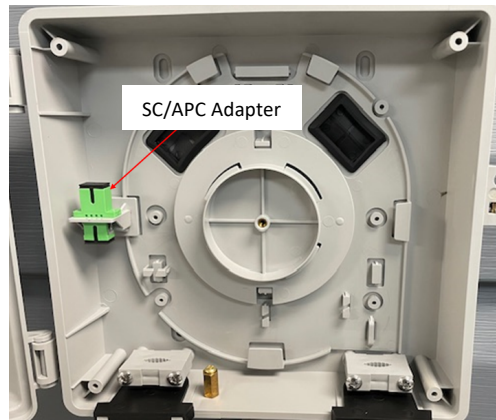
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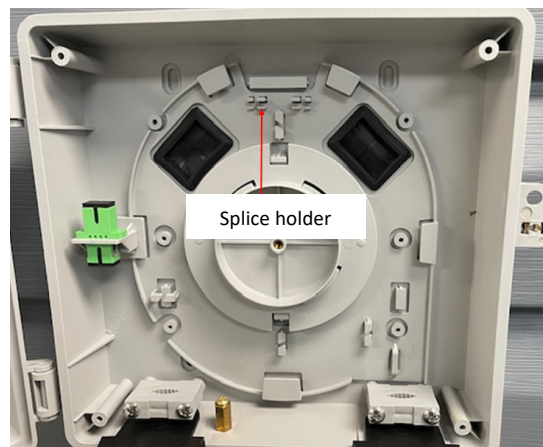


Key features:

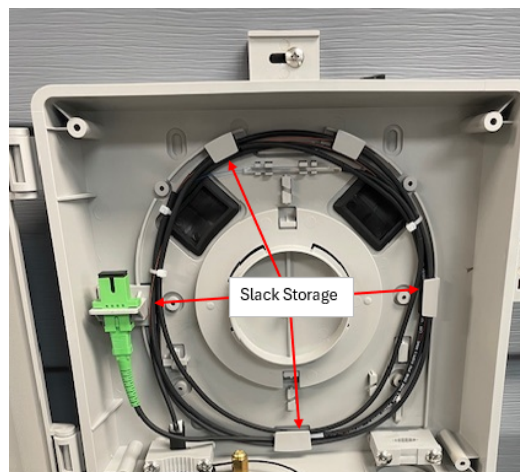
- 1) Available preloaded with 1 simplex SC APC



- 2) Holds one single splice sleeves (includes (1) 40mm)



- 3) Accepts up to 1-inch conduit
- 4) Fiber slack storage

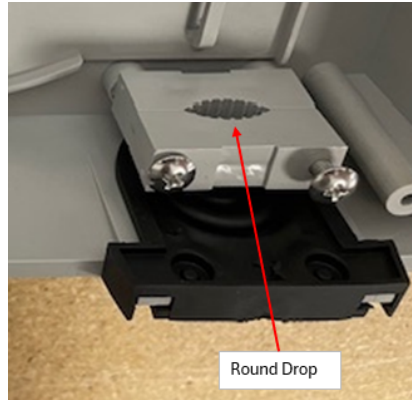


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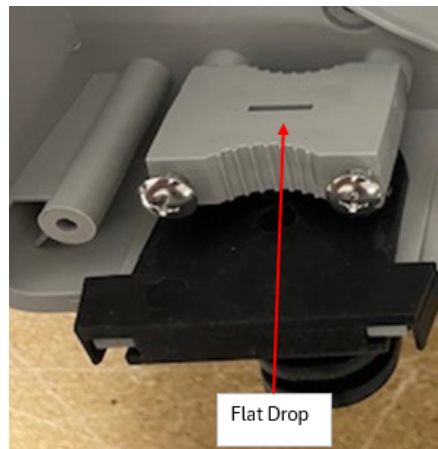
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- 5) Variable cable entry clamp designed to hold round or flat drop cable
- a) Round OD: 3mm to 16.2mm

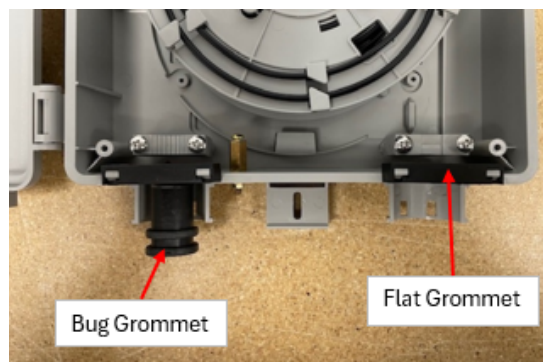


- b) Flat cable OD: 2mm to 8.1x4.5mm



- 6) Flat or bug grommet

Included hardware: (1) 40mm splice sleeves, (1) ½ Velcro strip, (4) 4-inch zip ties, (2) 6-inch zip ties, (4) M40 x 50mm screws and anchors, (1) electrical ground contact, (1) SC APC adapter



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Installation

Step 1 – Mounting TheNID with reel enclosure

1. Find a flat surface that will minimize the exposure to dirt. Designed to mount vertically with rubber gromets towards the ground. If mounting end-to-end or side-by-side leave sufficient space between enclosures to allow the door to open.



2. Attach the enclosure to the wall.

External Mounting Ears (recommended): External mounting maintains the environmental integrity of the enclosure. If supplying the hardware, screws must be long enough to allow 1/2 of an inch for the thickness of the enclosure.



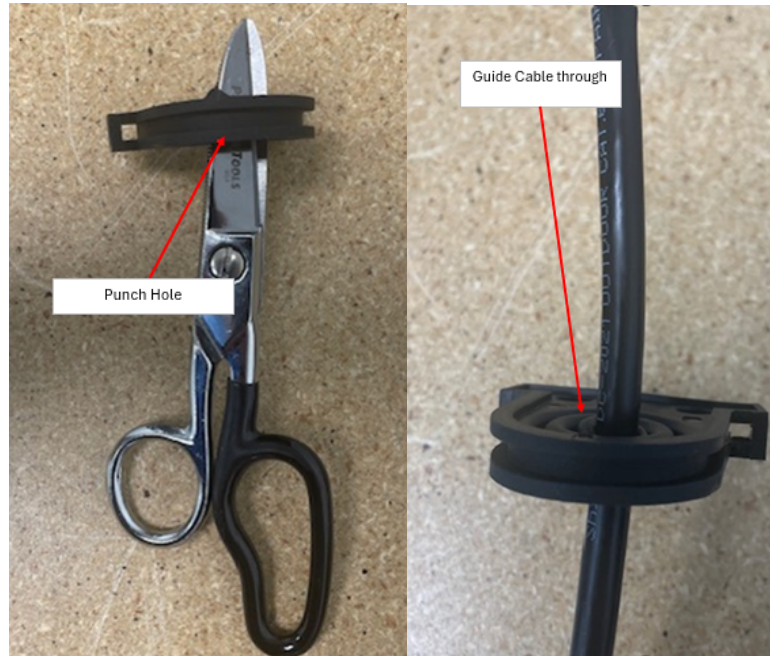
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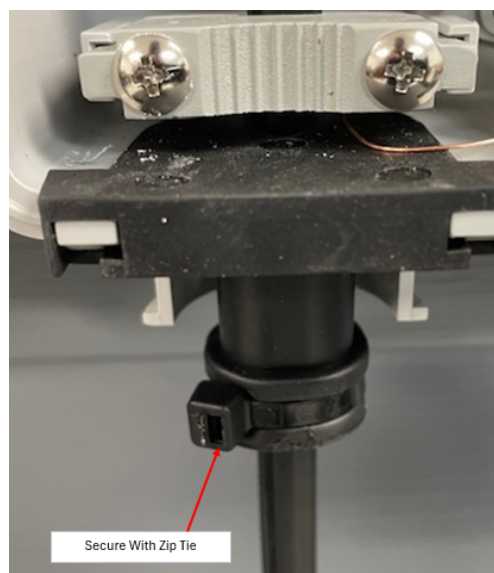


Step 2 – Wiring

1. (A) When using flat grommet Punch hole through the left grommet and guide Cable through the entry.



- (B) when using bug grommet slide cable through grommet before pushing in place secure with zip tie.



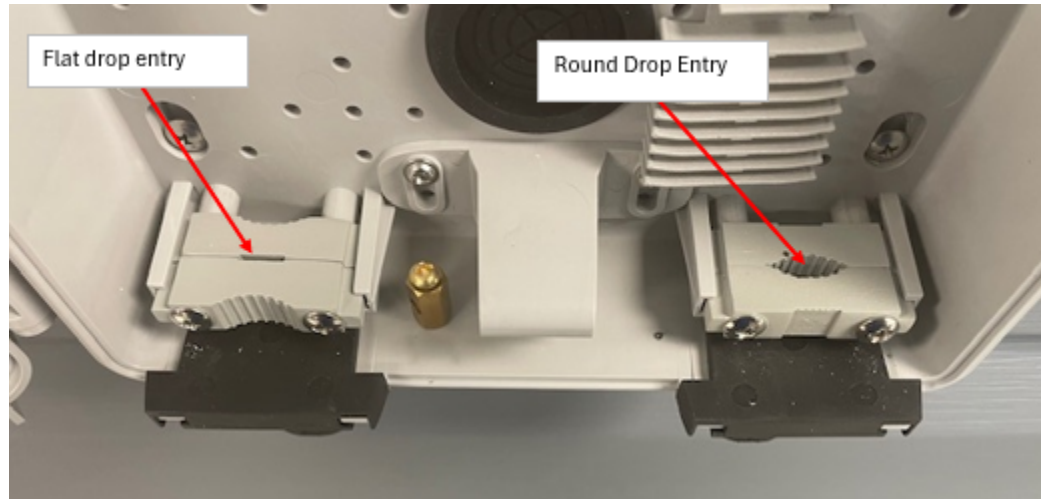
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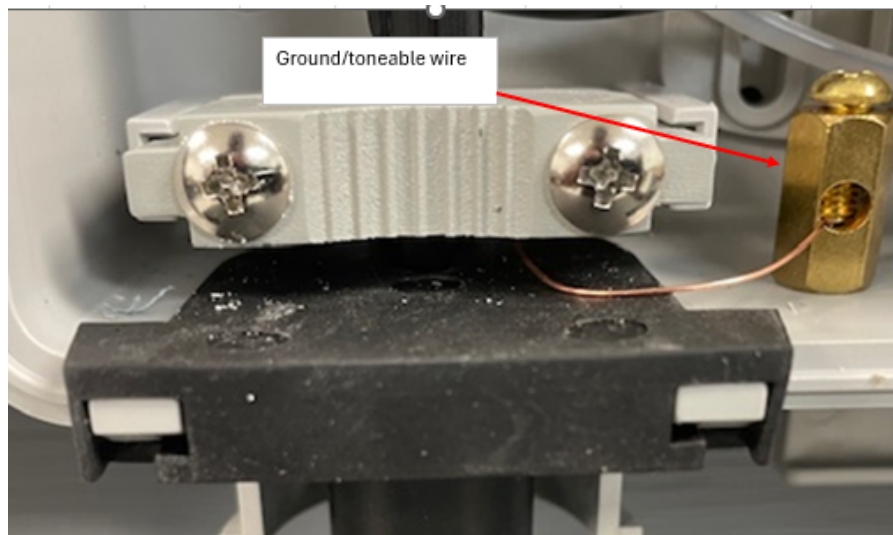


2. Use the variable cable entry clamp to secure the incoming fiber cable.

Remove the clamp. Arrange the clamp for the appropriate drop cable described below and secure the incoming fiber



3. Attach the ground/toneable wires to the included electrical ground contact.



4. Measure desired slack of incoming cable and perform fusion splice.

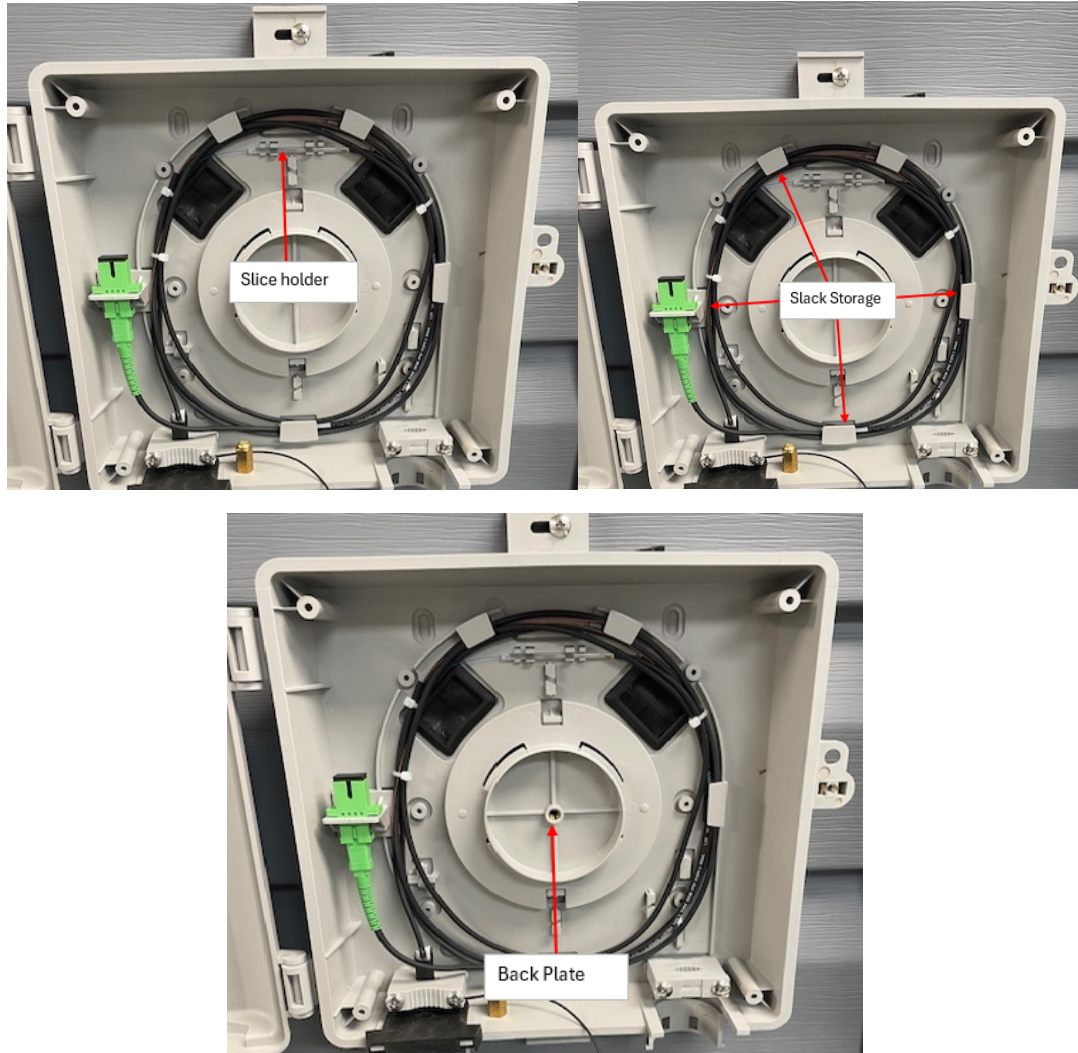
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5. Attach the incoming cable to the Tie Wrap area:

Pigtail installation: Push the splice sleeves into the splice chip located just below the slack tray at the top of box. Plug the connector into the adapter. Run excess fiber clockwise around the round slack tray in the middle. Secure with zip ties or Velcro to back plate.

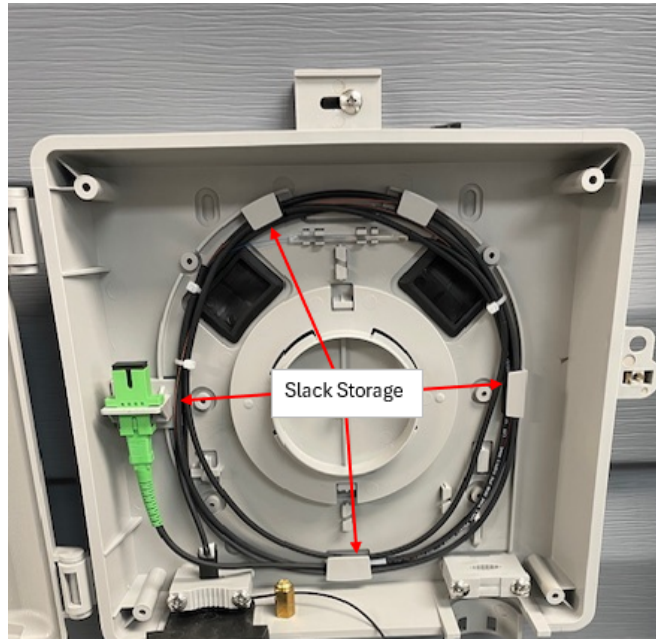


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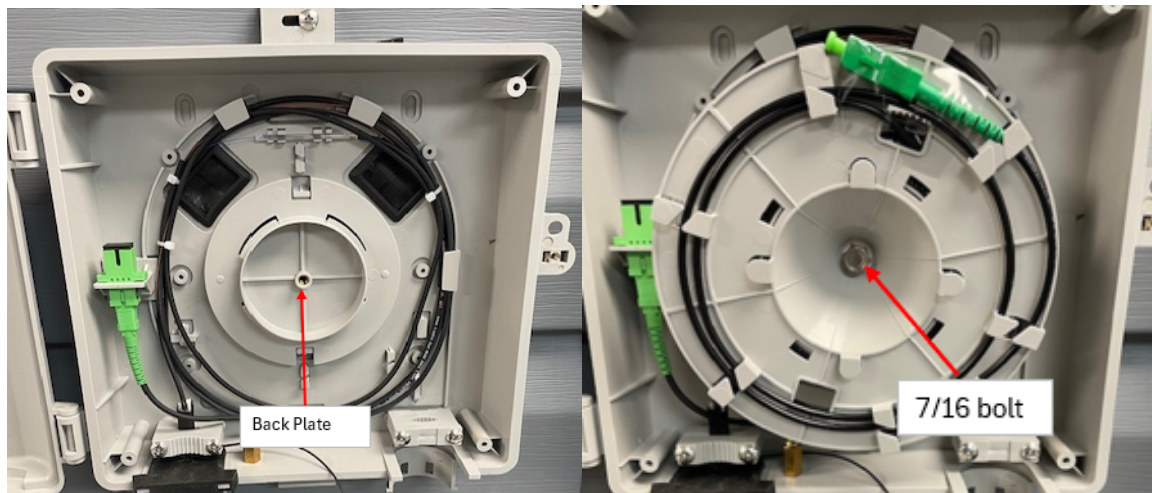
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Splice on Connector, Field Installable Connectors, Pre-connectorized: Simply push connector into the adapter and run excess fiber clockwise around the round slack tray in the middle.



6. Attach reel to back plate using 7/16 nut driver or can wrench



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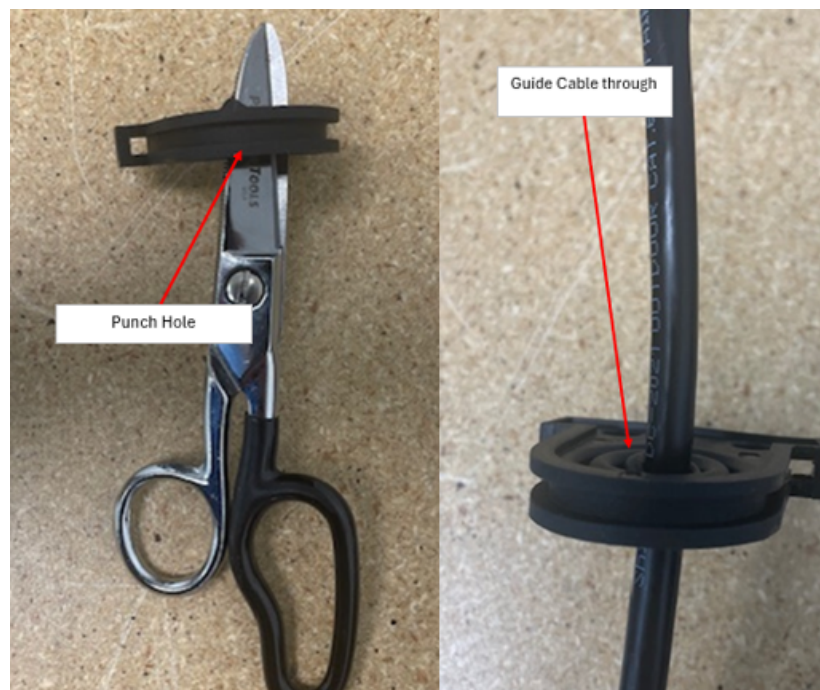
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7. Remove Plastic from reel so cable, tighten to secure, or slightly loosen to allow fiber to spool at desired rate.



8. Punch hole through the right grommet or us bug grommet and guide outgoing fiber through the entry.



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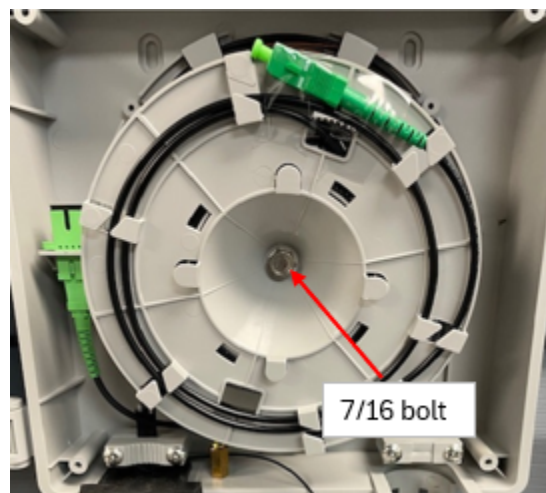
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9. Use the variable cable entry clamp to secure the outgoing fiber cable.



10. Secure middle 7/16-reel bolt



11. Close, tighten, and secure the outside cover using the security bolt.

