Installation Instructions
SlimBox® Inline Façade Closure

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Installation Instructions - SlimBox® Inline Façade Closure

1. Purpose

This document describes the installation procedures associated with the SlimBox® Inline Façade Closure. The purpose of the document is to ensure the safe and correct installation of the product.

The SlimBox® Inline Façade Closure is an exterior rated box that allows for the storage and splicing of Façade cables, and connection to single fiber drops.
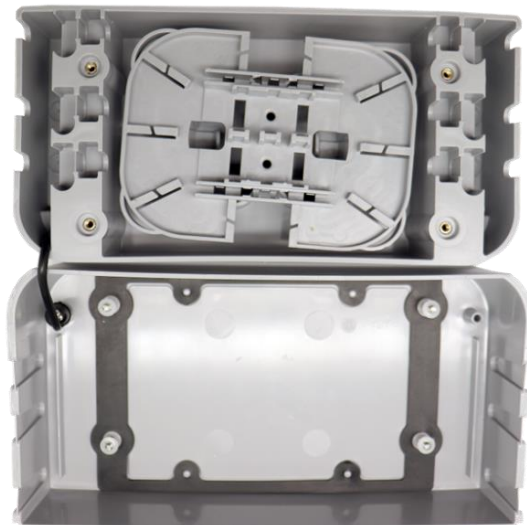
Default Application Options:

- Façade cable slack
- Splicing (capacity of 6)
- Adaptors (2 SCA or 4 LCA)

Supplemental Application Options:

- Splicing (capacity of 24 total including 6 default)
  - When configured for 24 splices, adaptors cannot be used
  - Typically used` for maintenance / restoration applications

2. Product Components

2 pack of LCA adapters and EZ-Bend LCA pigtails
OR
2 pack of SCA adapters and EZ-Bend SCA pigtails

Back Box, Splice Tray and Front Cover

Pack of split seals, P-Clips & screws

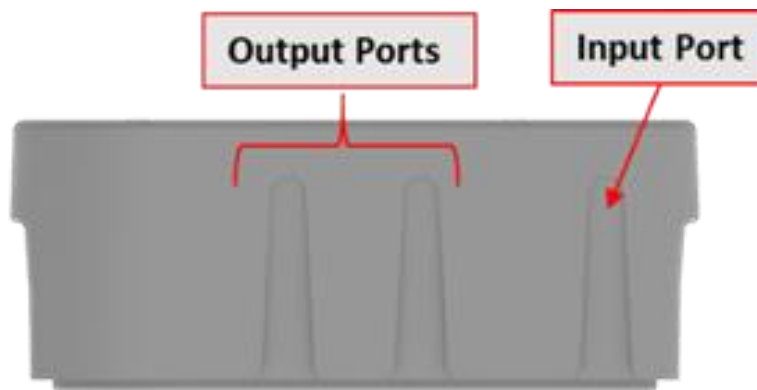**Installation Instructions - SlimBox® Inline Façade Closure**

⚠ **Appropriate Safety Procedures MUST always be followed**
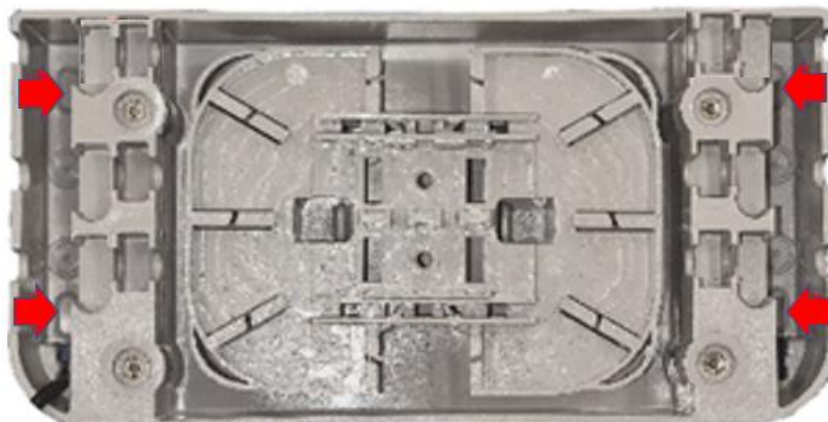
3. Installation Procedures

3.1 Front Cover Preparation
- Remove the input ports
  - Drill 3/16" hole at the point shown
  - Use side cutters to remove port
- The front cover is attached to the backplate via lanyard
  - The lanyard attachment can be relocated to the opposite side of closure if desired
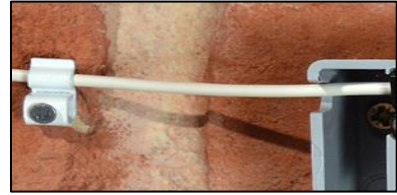

3.2 Backplate Installation and Mounting
- Remove mounting hole knockouts (indicated by red arrows)
- Mark the wall to identify the closure mounting holes (4)
- Drill holes
- Utilize screws to mount the closure to the wall

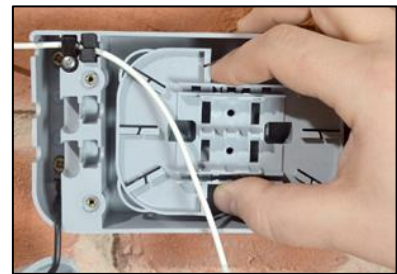**Installation Instructions - SlimBox® Inline Façade Closure**

3.3 Cable Entry/Routing

- Fasten cable to wall 2-3" from closure entry point

- Place the first "P" clip over the entry side of the facade cable
- Slide on the split seal over the facade cable
- Insert both the "P" clip and split seal in backplate as shown
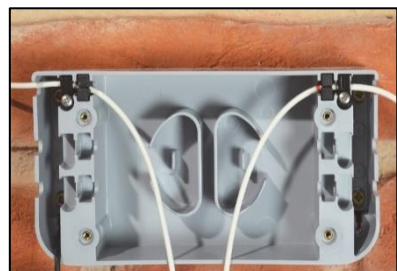- Insert clamping screw in "P" clip and tighten

3.4 Removing Adaptor Tray

- Grip as shown
- Push the tray to the left
- Tilt up the left-hand side of the tray
- Slide to the right
- Tilt up the right-hand side
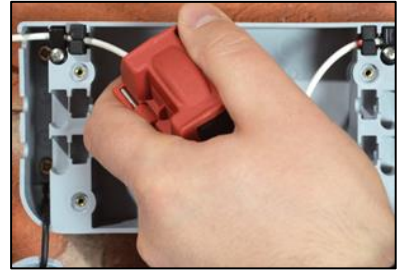- Remove

3.5 Cable Slack and Closure Exit

- Using the footage marking on the façade cable, loop 9-10' of slack from the cable entry/exit points of the closure
- Repeat steps of section 3.3 for cable exit on opposite side of closure

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3.6 Façade Cable Preparation

- Use a sheath slitting tool, cut a 50-100mm (2"-4") window approximately 50mm (2") from the entry "P" clip
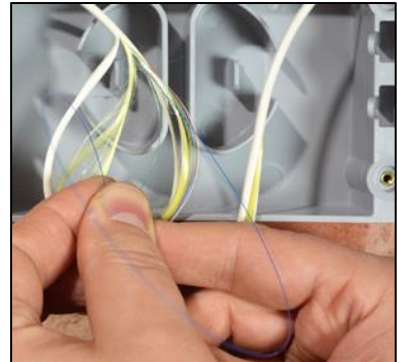- Cut a 100mm (4") window approximately 50mm (2") from the exit "P" clip

Note: If required, intermediate cuts can be made to aid the fiber extraction
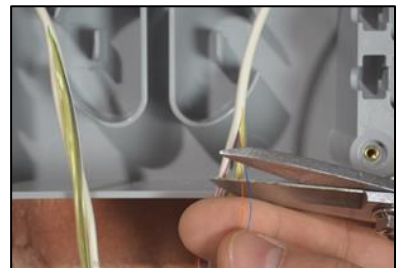

3.7 Fiber Identification

- Carefully expose the fibers on the <u>customer side</u> of the slack loop
- Identify the desired fiber based on the color-coding scheme

Note: within the 24-fiber façade cable, 12-fiber bundles are identified by colored threads

3.8 Fiber Cut and Retrieval

- Cut the desired fiber only, leaving all other fibers intact
- Within the window, on the <u>feed side</u> of the slack loop, gently pull back the cut fiber
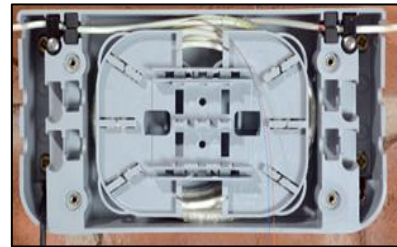
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3.9 Wrap Cable Slack

- Wrap the cable slack into the rear of the unit, ensuring that the exposed fiber is kept to the side
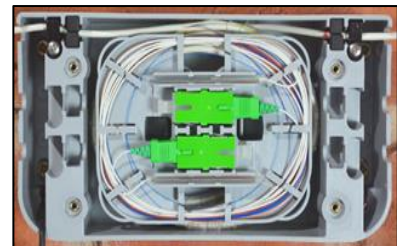

3.10 Reinstall Adaptor Tray

- Place the tray back into the closure, making sure not to pinch the façade cable or exposed fiber
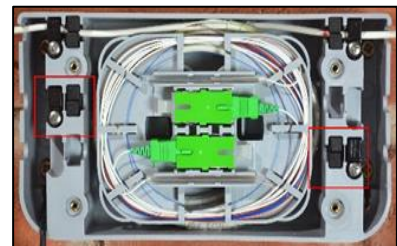

3.11 Adaptor and Pigtail Installation

- Insert the SCA or LCA adapters into the retaining slots
- Cut the supplied EZ-Bend connectorized pigtail to desired length
- Splice the pigtail to the façade fiber
  - Insert splice heat shrink into splice holders above and below adaptors
- Wrap all fibers neatly into the adapter tray
- Insert connector into adaptor, ensuring correct connector orientation

3.12 Additional Clamps and Seals

- Install clamping screws in "P" clips and fit seals in drop positions (as shown) and tighten
  - The additional clamps and screws will be used in the future for fiber drops

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3.13 Front Cover Installation
- Install cover onto base ensuring lanyard is contained within
  - If the lanyard is not contained within the cover and base, the closure will not seal properly
- Tighten 4 screws to secure cover

3.14 Complete

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