

## FAÇADE CLOSURE INSTALLATION GUIDE

### 4f Façade Closure Installation Guide

This Façade Closure (Item Code 032865) is an external fibre distribution closure, that provides storage for a continuous feeder cable and up to 4 output cables

The closure stores a measured length of feeder cable, enabling it to be located at height, typically above covered walkway, MDUs and shop fronts. The stored feeder cable length is up to 4m. Always check the working height prior to routing the correct length of cable.

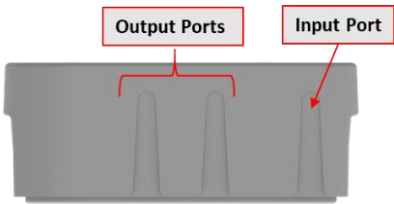


At the point of installation of the Façade closure, all fibres required for drop in the closure should be connected at this time where feasible to avoid difficulties of post installation routing.

The output/drop cable(s) can either be spliced (maximum of 6 splices) directly to the feeder cable or via a maximum of 4 connectorized options (4 simplex SCA)



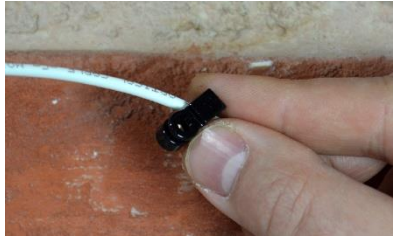
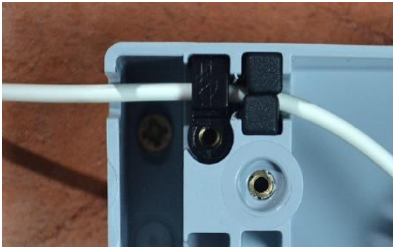




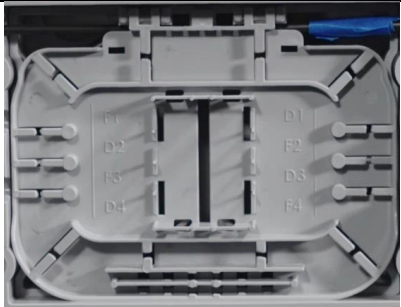
#### 4f Façade Closure Components





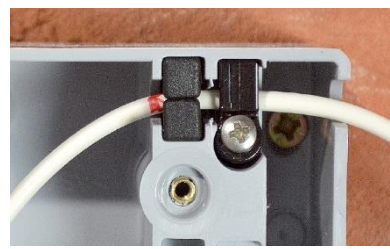




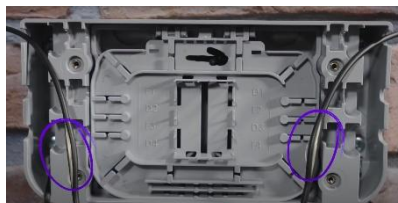
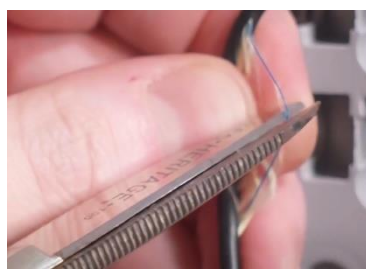
**Appropriate Openreach Safety Procedures MUST always be followed**

1 – Front Cover Preparation	2 – Backplate Installation	3 – Measure Cable Route
		
<ul style="list-style-type: none"> <li>Remove the two feeder cable knockouts (one on either side) by drilling a 5mm hole at the top (as arrow indicates) and using side cutters to remove the rest of the knockout.</li> <li>If closure is last in line, then remove only the entry knockout.</li> <li>A lanyard attaches the Front Cover to the Backplate (not shown). If the other side is preferred, then remove screw with lanyard and move to opposite side.</li> </ul>	<ul style="list-style-type: none"> <li>Mark the wall, drill, raw plug, and attach to the wall using up to 4 fixing slotted points indicated after removing knockouts. Use Hammer screws – item code: 073005.</li> <li>Remove both feeder cable internal knockouts with side cutters (upper ones as circles indicate). If the closure is last in line then do not remove exit knockout.</li> </ul>	<ul style="list-style-type: none"> <li>Measure distance from top of enclosure (where cable will run) to floor. <u>This will be the length of cable to be stored in the closure.</u> A maximum storage of up to 4m is recommended for ease of handling.</li> <li>Prepare the route for the cable length from start to finish allowing correct length for each Façade closure.</li> </ul>

# FAÇADE CLOSURE INSTALLATION GUIDE





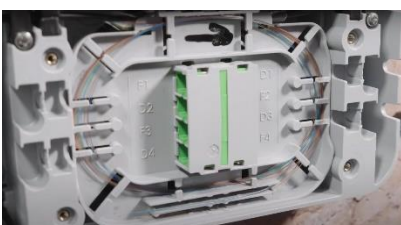

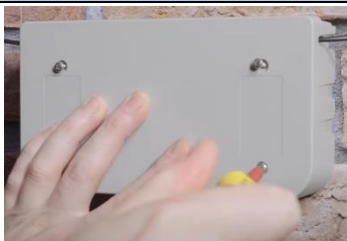

<b>4 – Measure Cable Route</b>  <ul style="list-style-type: none"> <li>Run the cable typically in between brickwork or in an area where the cable will be safe and aesthetically pleasing.</li> </ul>	<b>5 – Measure Cable Route</b>  <ul style="list-style-type: none"> <li>From start; cleat cable to wall and upon reaching Façade closure, place final cleat approximately 50mm away from the entry port.</li> <li>Approved Fire Proof Cleats: <ul style="list-style-type: none"> <li>110688: 3mm (White)</li> <li>110689: 3mm (Black)</li> <li>110690: 4mm (White)</li> <li>110691: 4mm (Black)</li> </ul> </li> </ul>	<b>6 – Insert Entry P Clip</b>  <ul style="list-style-type: none"> <li>Place the first 'P' Clip over the entry side of the feeder cable.</li> </ul>
<b>7 – Entry P Clip &amp; Split Seal Install</b>  <ul style="list-style-type: none"> <li>Slide on the split seal over the feeder cable</li> <li>Insert both the P clip and split seal in backplate as shown.</li> </ul>	<b>8 – Secure Entry P Clip</b>  <ul style="list-style-type: none"> <li>Insert clamping screw in P Clip and tighten.</li> </ul>	<b>9 – Lift Splice Tray</b>  <ul style="list-style-type: none"> <li>Lift the splice tray</li> </ul>
<b>10 – Feeder Cable Length</b>  <ul style="list-style-type: none"> <li><u>Indicate the direction of traffic flow with arrows in the backbox.</u></li> <li>Using a tape measure, mark out the feeder cable length measured in point 3 above. Mark the distance with tape or reflective pen on the cable. Measure from the inside of the entry seal the correct length.</li> </ul>	<b>11 – Feeder Cable Length</b>  <ul style="list-style-type: none"> <li>Using a tape measure, mark out the final feeder cable distance measured with tape or reflective pen on the cable.</li> </ul>	<b>12 – Feeder Cable Length</b>  <ul style="list-style-type: none"> <li>Wrap the marked length around the outside of the tray mandrel so the tape or reflective pen are on the inside of the second seal position.</li> <li>Push the tray down to hold the cable.</li> </ul>

# FAÇADE CLOSURE INSTALLATION GUIDE

<b>13 – Insert Exit P Clip</b>  <ul style="list-style-type: none"> <li>Place the second 'P' Clip over the exit side of the feeder cable.</li> </ul> <p><b>** Note **</b> -&gt; if the closure is the last in line then points 13, 14 and 15 will have no cable but fit the seal and P-Clip without cable. Tie a knot at the end of the cable to prevent fibre slippage during extraction.</p>	<b>14 – Exit P Clip &amp; Split Seal Install</b>  <ul style="list-style-type: none"> <li>Slide on the split seal over the exit side of the feeder cable</li> <li>Insert both the P clip and split seal in backplate as shown.</li> </ul>	<b>15 – Secure Exit P Clip</b>  <ul style="list-style-type: none"> <li>Insert clamping screw in P Clip and tighten.</li> <li>Ensure measured length as marked is inside the split seal.</li> <li>Move onto subsequent closures.</li> </ul>
<b>16 – Lift Splice Tray</b>  <ul style="list-style-type: none"> <li>Lift Splice Tray</li> </ul>	<b>17 – Unwrap cable</b>  <ul style="list-style-type: none"> <li>Unwrap the cable <u>removing any twists</u> (if necessary tape to wall)</li> </ul>	<b>18 – Feeder Cable Preparation 1</b>  <ul style="list-style-type: none"> <li>Using 'Adjustable Ring and Slit Stripping Tool for BFT Interception (Yellow Peg) 112794', cut a 50-100mm (2-4") window approximately 50mm from the Entry P Clip</li> </ul>
<b>19 – Feeder Cable Preparation 2</b>  <ul style="list-style-type: none"> <li>Now cut a 100mm (4") window approximately 50mm from the Exit P Clip.</li> </ul> <p><u>Note: If the cable length is greater than 3m, then intermediate cuts can be made to aid the fibre extraction.</u></p>	<b>20 – Fibre/Bundle Identification</b>  <ul style="list-style-type: none"> <li>Carefully expose the fibres in the window that is at the <u>furthest</u> side from the traffic flow as indicated by the arrows on the back box.</li> <li>Note: in 12f there is one bundle, in 24f there are two bundles identified by a BLUE and ORANGE binder.</li> <li>Select the correct binder if 24f</li> </ul>	<b>21 – Fibre Identification</b>  <ul style="list-style-type: none"> <li>12f: Carefully select the correct fibre(s) from the sheath.</li> <li>24f: Carefully select the fibre(s) from the CORRECT coloured binding cord around each 12f bundle</li> <li>Cut the fibre(s) as required</li> </ul>



# FAÇADE CLOSURE INSTALLATION GUIDE

<b>22 – Pullback Fibre(s)</b>	<b>23 – Spiral Wrap Over Window Cuts</b>	<b>24 – Rewrap Cable length</b>
		
<ul style="list-style-type: none"><li>• At the non-cut end, open the jacket and gently pull back the cut fibre(s) from the sheath</li><li>• If intermediate cuts have been made, pull the fibre through to this window first. Pull to second window afterwards</li><li>• Keep the exposed/cut fibres to one side.</li></ul>	<ul style="list-style-type: none"><li>• To protect the fibres in the cut windows firstly squeeze the fibres back into the jacket.</li><li>• Use some spiral wrap (element support tube 3A - item code 008121): at each window cut to cover.</li></ul>	<ul style="list-style-type: none"><li>• Rewrap the cable in the rear of the unit ensuring that the exposed fibres are kept to the side.</li><li>• Place the exposed fibres into the adapter tray and wrap neatly.</li></ul>
<b>25 – Rewrap Cable length</b>	<b>26 – Pigtail Installation</b>	<b>27 – Secure Drop P Clips and Seals</b>
		
<ul style="list-style-type: none"><li>• Wrap the fibres into the adaptor tray in the direction of the traffic flow arrow.</li><li>• Cut fibres to length appropriate to enable stripping and splicing procedure.</li></ul>	<ul style="list-style-type: none"><li>• Insert the 4 * SCA adapters in their retaining slots provided. Insert dust caps in the "D" ports.</li><li>• Drop the fibres from the tray and cut the supplied EZ-Bend connectorized pigtail to length.</li><li>• Splice on the pigtail(s) and insert in adapter with correct orientation.</li></ul>	<ul style="list-style-type: none"><li>• After splicing and installation is complete, for the future customer connect installation insert clamping screw in P Clips and fit seals in drop positions (indicated) and tighten.</li></ul>
<b>28 – Front Cover Installation</b>	<b>29 – Front Cover Installation</b>	
		
<ul style="list-style-type: none"><li>• Fit cover back on and ensure lanyard fits in correctly (doesn't prevent seal of unit).</li></ul>	<ul style="list-style-type: none"><li>• Screw in place and closure is now prepared.</li></ul>	