

INSTALLATION INSTRUCTION FTTP CUSTOMER CONNECTION KIT

The contents of the FTTP Customer Connection Kit are split into two parts, one part for use in the Fibre Distribution Point and the second part for use in the Customer Splicing Point.

The FTTP Customer Connection Kit contains the components required to complete the following functions;

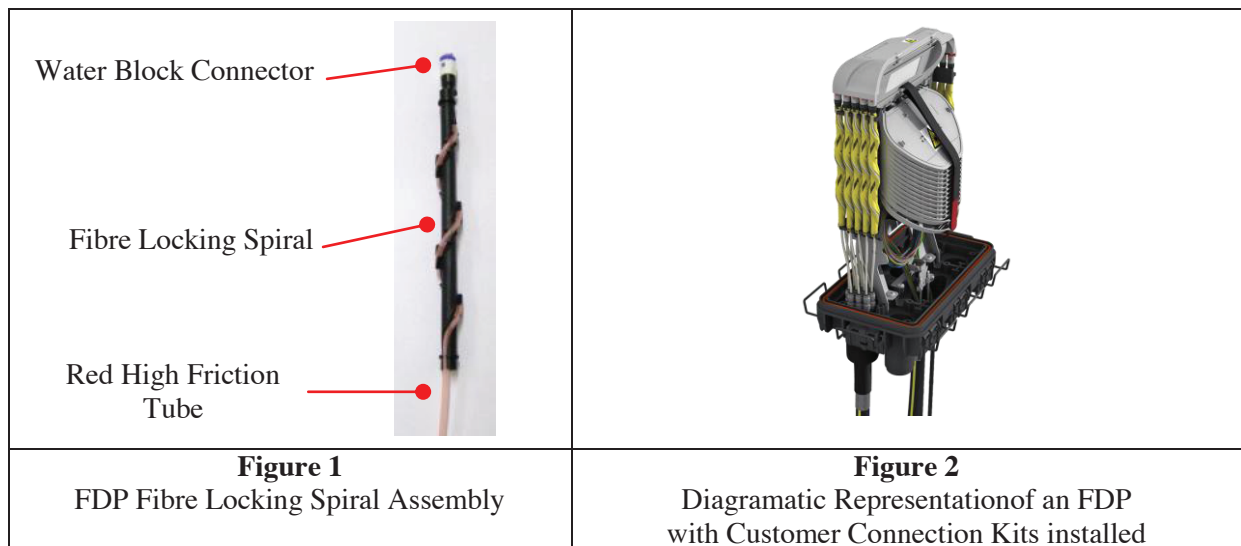
- tube outside diameter reduction
- a locking system for the Blown Fibre Bundle at both ends of the customer drop span
- a Water Block in the Fibre Distribution Point
- a Gas Block in the Customer Splicing Point

CUSTOMER CONNECTION KIT CONTENTS

Fibre Distribution Point

- 1 off 4mm – 3mm Straight Tube Connector
- 1 off Red 3mm x 500mm Long High Friction Tube
- 1 off Fibre Locking Spiral
- 1 off Fibre Water Block

Note; The Fibre Water Block, Fibre Locking Spiral and red 3mm High Friction Tube will be supplied pre-assembled as shown in Figure 1



Customer Splicing Point

- 1 off 6mm - 3mm Straight Tube Connector
- 1 off Red 3mm x 752mm Long High Friction Tube
- 1 off Fibre Retaining Gas Block

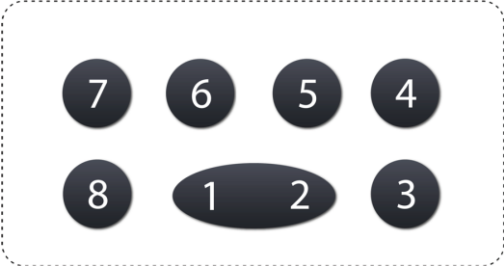


Other Installation Instructions Required

EPT/COF/D888 - Customer Splicing Point (CSP) Installation Instructions

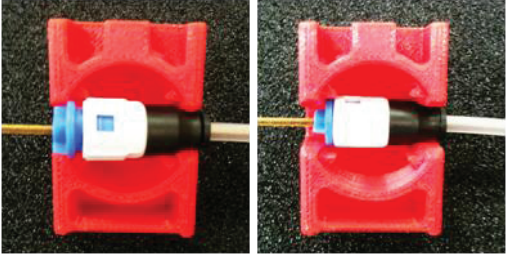
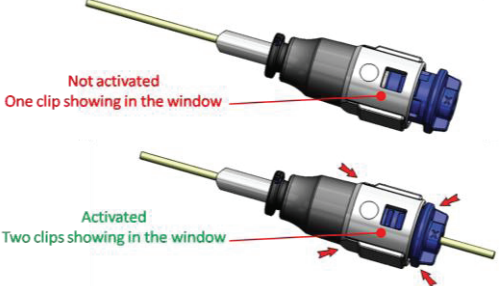

EPT/COF/D887 - Fibre Distribution Point (FDP) Installation Instructions

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Installation Instructions for Fibre Distribution Point

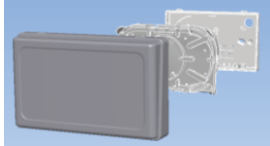
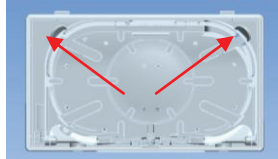
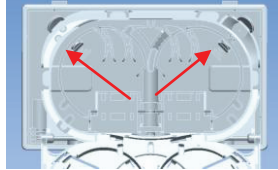
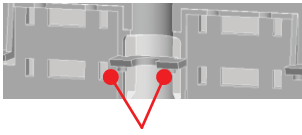

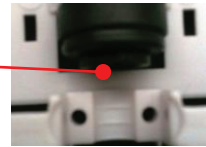
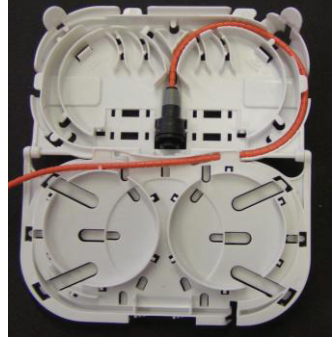
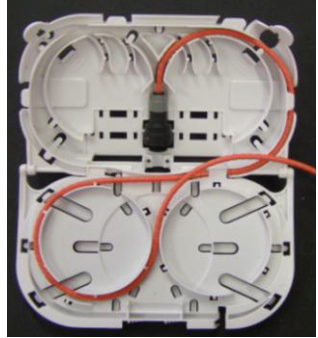
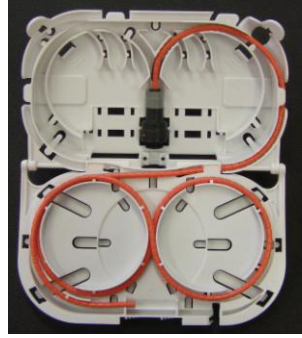
<p>These instructions MUST be used in conjunction with EPT/COF/D887 - FDP Installation Instructions</p>	
<p>Access the FDP in the normal manner ensuring all the relevant safety procedures are adhered to</p>	
<p>Typically the 7 tube BFT will have been terminated in ports 4, 5, 6 or 7 and the 12 tube BFT will have been terminated typically in ports 4 & 7.</p> <p>There are two banks of Locking Spiral positions in the FDP when viewed from the 'back' of the FDP</p> <p>Identify the required 4mm BFT input tube and cut to length 50mm from the Sheath Butt</p>	 <p>Viewed from inside the joint</p>
<p>Choose a suitable Fibre Locking Spiral position (the Fibre Locking Spiral is shown in Figure 1).</p> <p>If using port 4/5 start at the left most spiral position and work towards the centre</p> <p>If using port 6/7 start at the right most spiral position and work towards the centre</p>	<p>Tip; By placing the Fibre Locking Spiral above the input port and on the same side as the 4mm BFT input tube to be connected the length of High Friction Tube required between the two points is kept to a minimum and will ensure the installation is kept neat and tidy</p>
<p>Fit the supplied 4mm – 3mm Straight Connector to the end of the 4mm BFT input tube</p>	
<p>Align the Fibre Locking Spiral with the chosen position and route the red 3mm High Friction Tube to the 4mm – 3mm Straight Connector mark the red tube and cut to length</p>	<p>Warning; Ensure that the red 3mm High Friction Tube is neatly routed and that the 30mm Minimum Bend Radii is not compromised</p>
<p>Unwrap the red 3mm High Friction Tube and the Water Block Connector from the top of the Fibre Locking Spiral</p> <p>Do not assemble the Locking Spiral at this time</p> <p>Install the Blown Fibre Bundle in the normal manner and cut to length approx. 2m from the 4mm – 3mm Straight Connector</p>	
<p>Feed the free end of the Blown Fibre Bundle into the red 3mm High Friction Tube attached to the Fibre Locking Spiral and through the Fibre Water Block at the top of the Spiral</p> <p>Plug the end of the red 3mm High Friction Tube into the 4mm – 3mm Straight Connector while carefully pulling the Blown Fibre Bundle through the Fibre Water Block.</p> <p>Replace the red 3mm High Friction Tube back onto the spiral as shown.</p>	

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<p>Using the John Guest tool activate the Water Block by pushing the blue coloured part into the white body until two 'clicks' are heard/felt.</p> <ol style="list-style-type: none"> 1. Place the Water Block assembly over the tool – ensure the BF Bundle clears the tool as shown 2. Push the assembly into the tool until it reaches the base 	
<p>Quality Check Ensure that the second clip is showing in both the windows</p> <p>The activation process shortens the overall length of the Water Block Connector to enable spiral assembly to be correctly located into the FDP</p>	
<p>Replace the remaining red 3mm High Friction Tube onto the spiral and clip the Water Block Connector back into place</p>	
<p>Fit the Fibre Locking Spiral assembly into the Spiral Holder previously identified. Carefully clip into place at the top and bottom of the assembly whilst making sure the Blown Fibre Bundle protruding from the Fibre Water Block Connector is not damaged</p>	
<p>Route the Blown Fibre Bundle in to the fibre management area as shown in the Fibre Distribution Point Installation Guides</p>	
<p style="text-align: center;">Continue to follow the relevant installation steps from the FDP Installation Guide</p>	

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Installation Instructions for Customer Splicing Point

<p>The following procedures should be carried after Steps 19 or 59 of EPT/COF/D888 - Customer Splicing Point (CSP) Installation Instructions</p>		
<p>Access the Customer Splicing Point in the normal manner ensuring all the relevant safety procedures are adhered to.</p> <p>Note the External CSP may have already been fitted to the wall</p>		
<p>Remove the cover and loosen the cover fixing screws, do not remove them, and open the Splice Tray by pushing the two tabs in the direction shown</p>		
<p>Remove the Splice Tray Module assembly from the Back Box by pushing the two tabs as shown</p>		
<p>Remove the adaptor clip by moving from front to back until it breaks off</p> <p>Plug one end of the red high friction tube into the 3mm collet of the 6mm – 3mm Straight Connector</p>		
<p>Feed the other end of the red tube under the tab on the underside of the opened Splice Tray as shown</p>		
<p>Adjust the position such that the 6mm collet of the 6mm – 3mm Straight Connector lines up with the lower face of the cut out as shown opposite and below</p> <p>Tip; If the red tube is too short to allow the Gas Block Connector to sit correctly on the splice tray then the tube position can be adjusted at this point</p>		
		
<p>Route the Red 3mm High Friction Tube as shown</p>		
<p>Continue to follow the relevant installation from Steps of EPT/COF/D888 - Customer Splicing Point Installation Instructions Step 20 & Step 60</p>		