

**Prysmian**  
Group  
**INSTALLATION INSTRUCTION**

**OAsys® INTERNAL PLANT**  
**4 Fibre Termination Box - Installation**  
Part Number: XCPSC00130


**Description**

Allows the termination of 1 input cable/ Blown Fiber  
Up to 4 Fibres can be accommodated  
Wall mounted  
Each Splice Tray has the capacity to store up to 4 shrinks down Splice Protectors (45mm long 2.2mm diameter).  
  
SPACE ENVELOPE: 120mm x 80mm x 24mm (W x D x H)

**Tools & Additional Items Required**

Additional Items:	Prysmian Part No.	BT Item Code
<b>Tools:</b>	<b>Prysmian Part No.</b>	<b>BT Item Code</b>
Flush Cutting Tool 1A	XPFSC00150	076080
Pozidrive Screwdriver No.2	N/A	N/A

**Component Parts (pictures not to scale)**

<b>1 4 Fibre compact termination box</b>	<b>Qty 1</b>	<b>2 Screw M6 Screws x 12mm</b>	<b>Qty 1</b>
		<b>3 Cable ties 100 x 2.6mm</b>	<b>Qty 2</b>
		<b>4 Installation instructions</b>	<b>Qty 1</b>
		<b>5 Wall Fixings</b>	<b>Qty 2</b>
		<b>6 (optional) Security Screw Kit – XCPSC00098</b>	<b>Qty 1</b>
		<b>7 (optional) Security Screwdriver – XCPSC00099</b>	<b>Qty 1</b>



***Clean before you connect.***

*It is important that all fibre connectors and adapters are cleaned prior to mating using approved local practice. Failure to clean may result in either poor signal performance and/or permanent damage to the connector end faces.*

**Cable Installation**

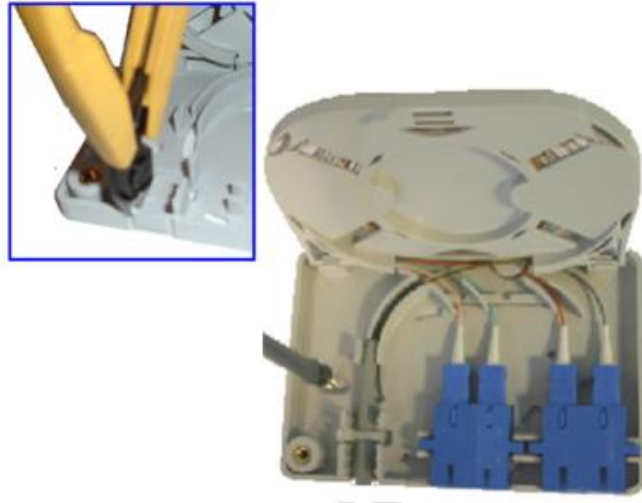
**Step 1 – Wall Mounting**



- Identify a suitable position on the wall to mount the termination box **(1)**, check the position to ensuring no concealed services are present.
- Using a 6mm drill bit carefully drill two holes on positions marked approximately 30mm.

**Cable Installation**

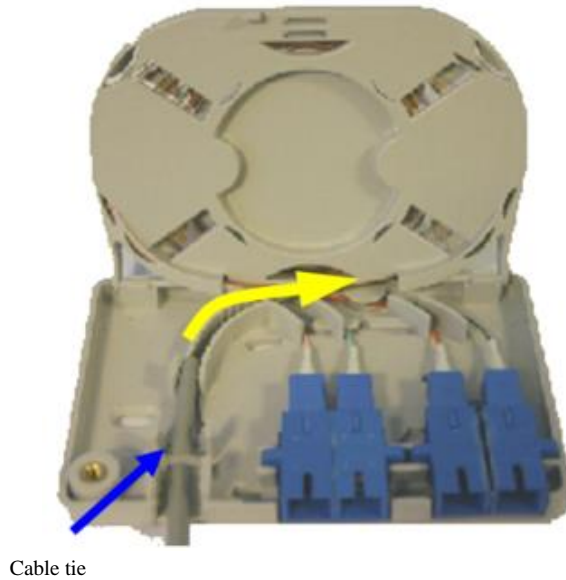
**Step 2**



- Using flush cutting tool, cut the cable entry port as shown above to allow the cable / tube into the termination box.
- Using the 2 screws provided screw the termination box to the wall. NB remove the 4th pigtail from the uniter to gain access to the mounting hole.

**Cable Installation**

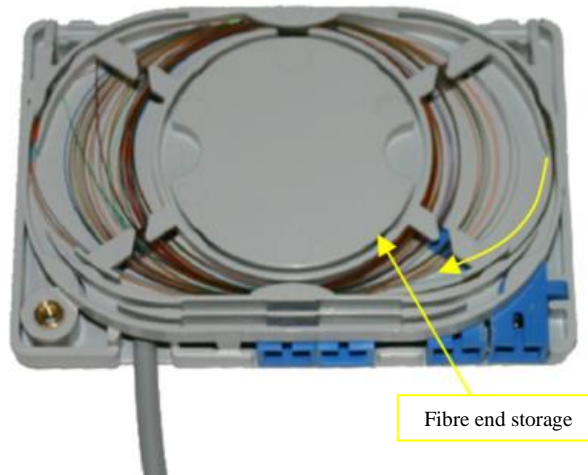
**Step 3**



- Using the cable tie provided fix the cable / tube as shown above.
- Route the input fibres through the track feeding them into the fibre entry point on the splice tray as indicated above.

**Cable Installation**

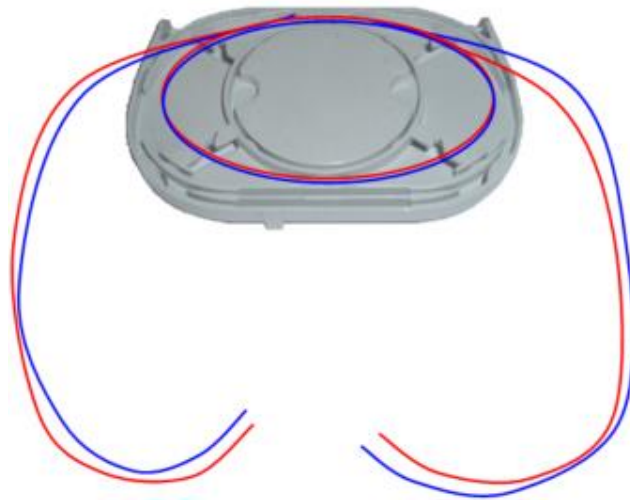
**Step 4**



- The fibres will appear on the splice tray to the right-hand side of the splice tray. Pull the fibre on to the splice tray ensuring it is not caught or trapped at any point. Store the fibres in a clockwise direction on the tray within the storage area, NB the ends of the fibre can be stored around the inside of the mandrel for easy access in the future.

**Cable Installation**

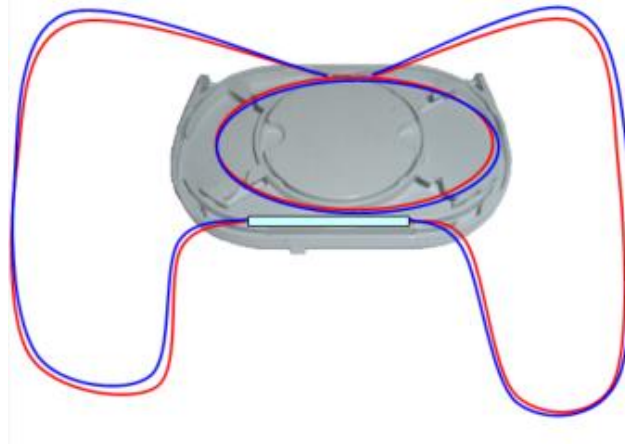
**Step 5 - Splicing**



- Carefully uncoil all fibres from the storage area.
- Separate the primary coated fibres from the cable, from the pigtails and safely store fibres for splicing.
- Splice the fibres.

**Cable Installation**

**Step 6**

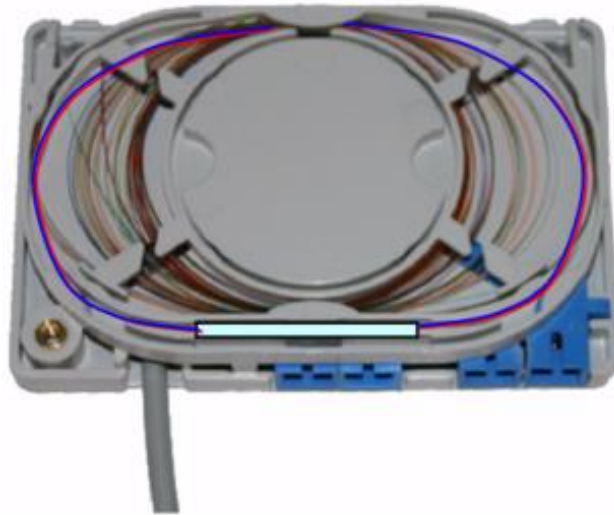


- Place the splice protector in the appropriate storage bay.
- Route both the primary coated fibres around the outer track from the splice bay to form two loops.

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**Step 7**



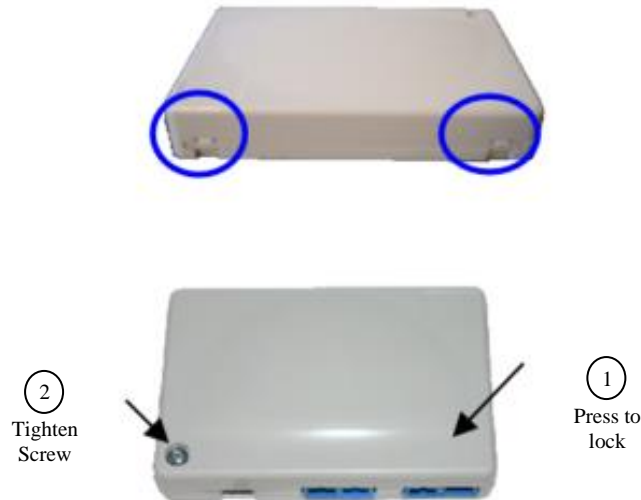
- Put the loops of fibre away as shown. Ensure that the fibres are stored below the tray retention tabs.
- Repeat steps 5 to 7 for all required splices.
- Fibre installation is now complete.



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**Step 8**



- To replace the cover, firstly hook the cover onto the base locating the two 'hooks' at the top of the unit.
- Gently press the cover over the tray until the cover is closed. Press firmly on the bottom right hand corner to ensure the locking pin has been located.
- Tighten the screw in the bottom left hand corner.

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**NOTE:**

**To remove the cover first remove the screw in the bottom left hand corner. Hinge the cover from the bottom right hand corner until the cover has been removed.**

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