Prysmian Group

INSTALLATION INSTRUCTION

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

Description	Tools & Additional Items Required

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)

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

Component Parts (pictures not to scale)

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

⚠️

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.
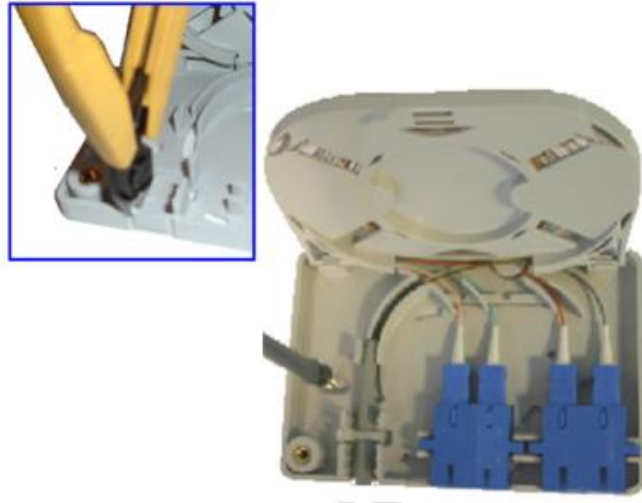

Cable Installation

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.
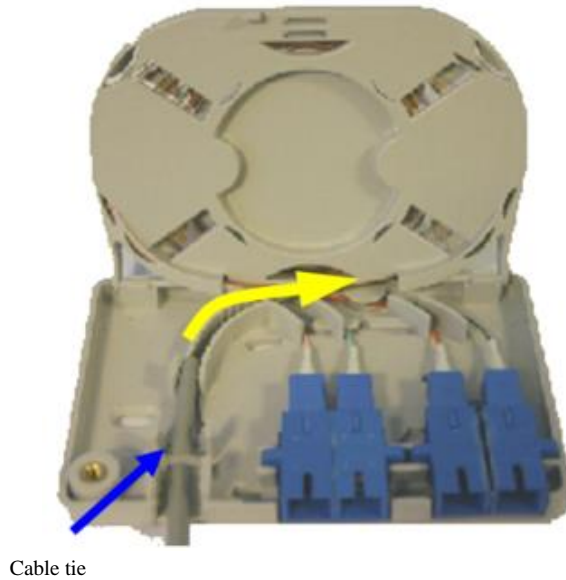
Cable Installation

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.
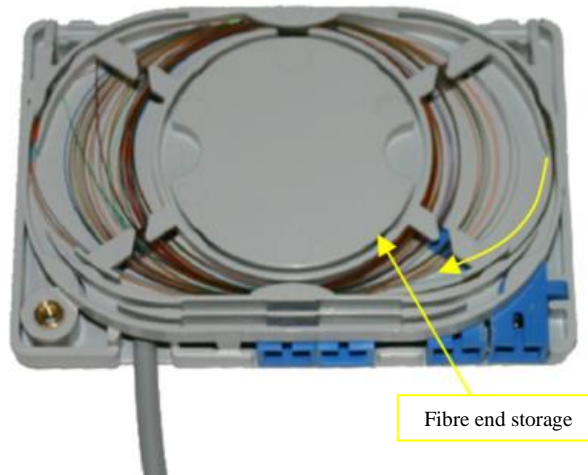
Cable Installation

Step 3

Cable tie

- 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.
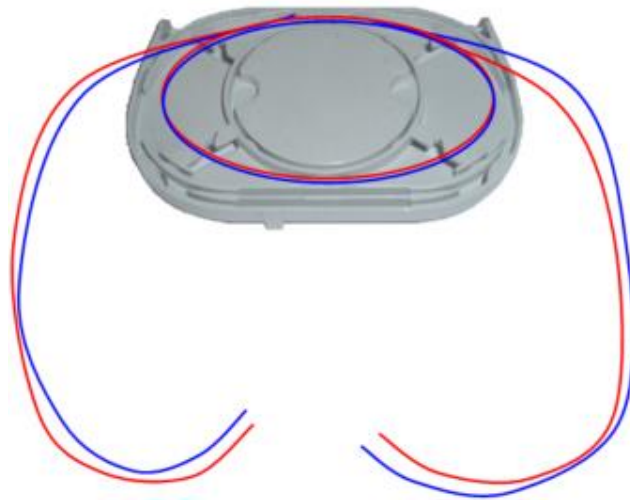
Cable Installation

Step 4

Fibre end storage

- 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.
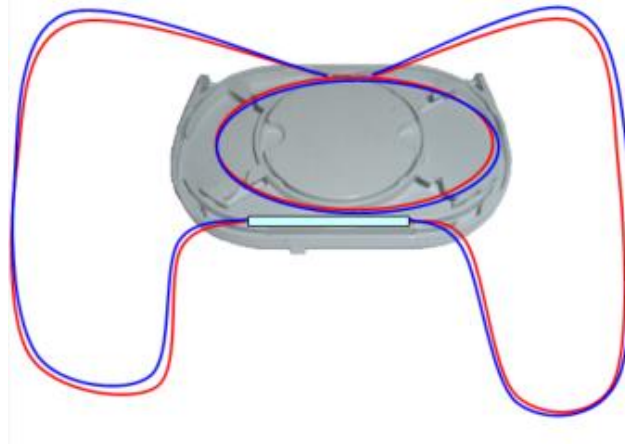
Cable Installation

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.

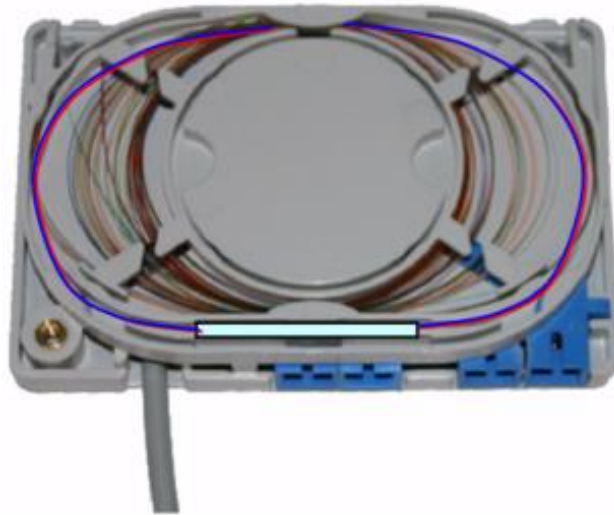## Cable Installation

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.

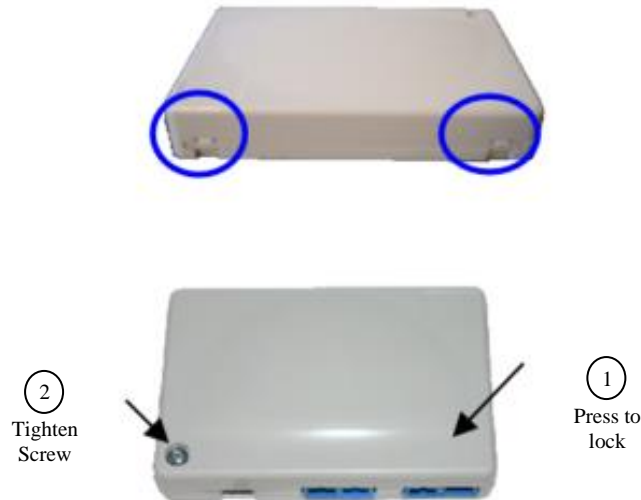### Cable Installation

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.

Cable Installation

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.

Cable Installation

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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