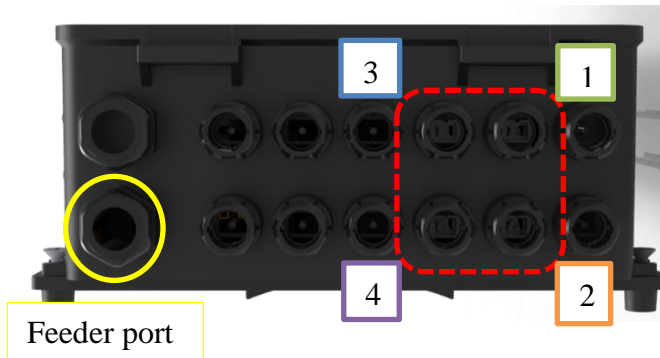


Installation Procedure for The Pre-connectorised UG Flexibox System

Product application

This instruction details the installation procedure for the preconnectorised UG Flexibox System.







For proof of concept trials, the 4 output ports (MPO) in use are as shown.

Precautions and Warnings


- ! This guide is only valid for products purchased from or approved by Prysmian Group.
- ! During this procedure all local Health & Safety statutory regulations must be adhered to.
- ! This installation should only be carried out by suitably trained competent persons.

INSTALLATION INSTRUCTION

Tools (pictures not to scale)

1. Philips screwdriver	2. Drill	3. Splicing equipment	4. Pen
PN: N/A	PN: N/A	PN: N/A	PN: N/A
			

Additional Materials

1. Drop port tool	2. Wall fixing kit
PN: XCPSG03611	PN: XKTSF01434
	

Wall Mounted Flexibox Installation

Step 1



- Place the Flexibox in the required position and mark the top fixing point as shown with a pen.

Wall Mounted Flexibox Installation

Step 2



- Drill the marked positions using an appropriate drill bit and fit the wall plugs.
- Lift the Flexibox into position and fix using screw from kit provided.

Wall Mounted Flexibox Installation

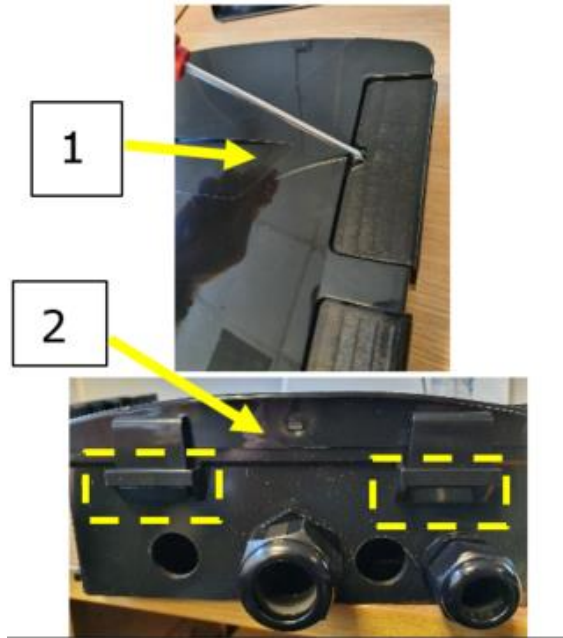
Step 3



- Ensuring the box is straight, mark and drill the final 2 positions on the side of the box and fit the final 2 screws.

Wall Mounted Flexibox Installation

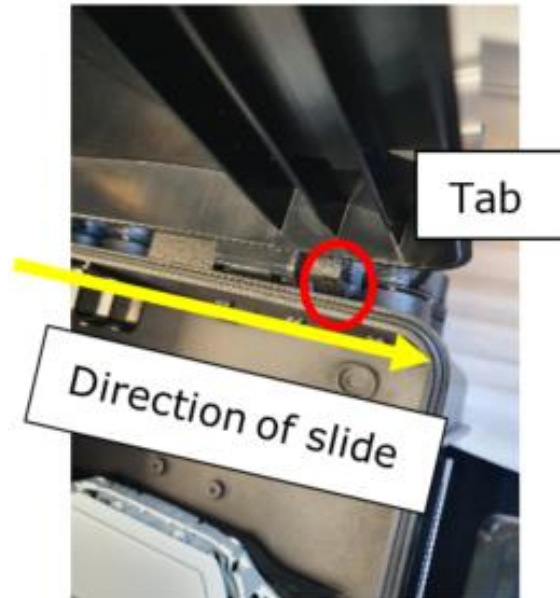
Step 4



- Open the Flexibox firstly by prizing open the 4 toggles using a screwdriver, then fully open with two clips at the bottom.

Wall Mounted Flexibox Installation

Step 5



- Remove cover by gently pushing tab and sliding off the hinge. Set cover aside.
- You are now ready to input cable(s).

Wall Mounted Flexibox Installation

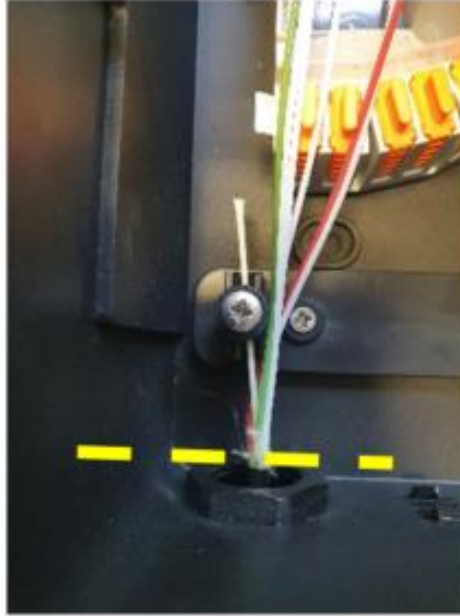
Step 6



- Remove blank from input cable gland as required.

Wall Mounted Flexibox Installation

Step 7



- Strip 1.2m of input cable as required and feed through gland, ensuring the cable butt is as close to the end of the gland as possible.

Wall Mounted Flexibox Installation

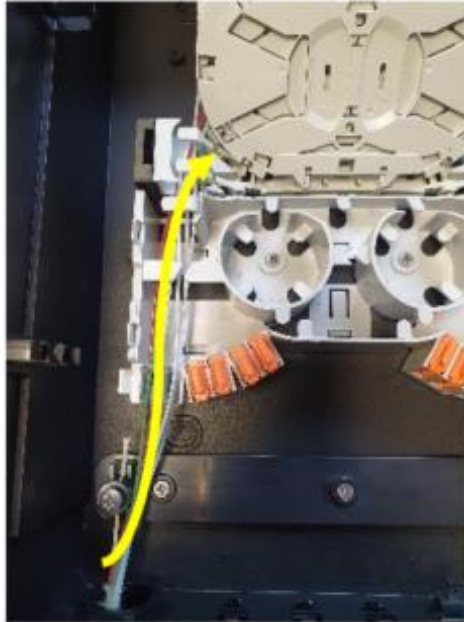
Step 8



- Secure the cable CSM or aramid.
- CSM is secured by pushing through hole and clamping with screw.
- Aramid is secured by wrapping around the screw and tightening screw.

Wall Mounted Flexibox Installation

Step 9



- Remove the orange retention clips from the manifold and route the fibres onto the splice tray as required.

Wall Mounted Flexibox Installation

Step 10

Tray	MPO output
1 (top)	1
2	2
3	3
4 (bottom)	4

Fibre colours in MPO 1-4 are Blue, Green, Red, Brown

- Strip fibre elements and splice feeder cable fibre to pre-configured outputs as per table.

Wall Mounted Flexibox Installation

Step 11



- To close the box, slide the cover back onto its hinges and gently lower until front two clips are engaged.

Wall Mounted Flexibox Installation

Step 12



- Push all 4 toggles into position until you hear a click and the closing of the box is complete.

Installation of Pre-connectorised Cable

Step 13



- Pull the cable from the customer end through the duct to the closure using the pulling eye on the connector.

Installation of Pre-connectorised Cable

Step 14



- Using the supplied port tool remove the cap from the relevant port on the Flexibox.

Installation of Pre-connectorised Cable

Step 15



- Remove the MPO adapter blanking plug.

Installation of Pre-connectorised Cable

Step 16



- Once the connector is through the duct and at the box, unscrew the pulling eye on the connector.

Installation of Pre-connectorised Cable

Step 17



- The Port Cap retaining straps and those on the Pulling Eye can be removed if required.

Installation of Pre-connectorised Cable

Step 18



- Alternatively, they can be screwed together and kept with the Flexibox.

Installation of Pre-connectorised Cable

Step 19



- Remove the clamp nut.

Installation of Pre-connectorised Cable

Step 20



- Slide the shroud body back around 10-15mm.

Installation of Pre-connectorised Cable

Step 21



- Remove the MPO connector protective cap on the cable shroud.

Installation of Pre-connectorised Cable

Step 22



- Clean the MPO connector with a lint free cloth or other suitable wipe.

Installation of Pre-connectorised Cable

Step 23



- Push MPO connector into the adapter. Ensure the pin on the MPO lines up with the pin on the MPO adapter on the box.

Installation of Pre-connectorised Cable

Step 24



- Line the rib on the shroud body to face forwards as shown.

Installation of Pre-connectorised Cable

Step 25



- Tighten the shroud nut fully using the port tool provided.

Installation of Pre-connectorised Cable

Step 26



- Tighten the clamp nut ensuring the seal is in the end of the shroud.

Installation of Pre-connectorised Cable

Step 27

Repeat for all preconnectorised outputs.
The installation is now complete.

INSTALLATION INSTRUCTION

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