






Aerial Casalink Drop Closure (ACDC)



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.

Tools required

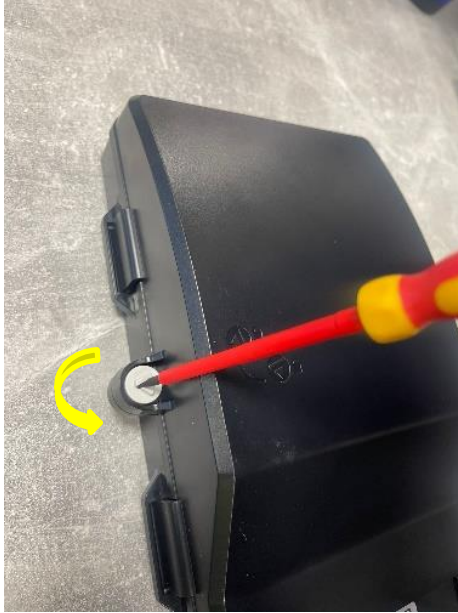
1. Phillips screwdriver	2. Cutter	3. Splicing equipment	4. Nose head plier	5. Flathead screwdriver
PN: N/A	PN: N/A	PN: N/A	PN: N/A	PN: N/A
				

Additional Materials

1. Wall fixing kit
PN: XKTSF01434


ACDC Installation

Step 1



- Using a flat-head screwdriver, unlock the ACDC.

ACDC Installation

Step 2



- Push both tabs to open ACDC.

ACDC Installation

Step 3



- Unscrew the splitter tray and release tab to access loop storage tray.
- You are now ready to input cable(s).

Input Cable Installation

Step 4



- Remove the cable seal on the right or left depending on which side you want the cable to come in from.

Input Cable Installation

Step 5



- Break-off input blank plug.

Input Cable Installation

Step 6



- Feed the input cable through the input seal.

Input Cable Installation

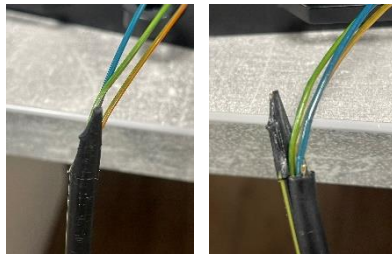
Step 7



- Strip 1.2m of input cable or required length.

Input Cable Installation

Step 8



For ULW,

- cut one side of the sheath.
- make an arrowhead of about 4cm long on the other side.

Input Cable Installation

Step 9



For other cables with CSM/Aramid, cut sheath off

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

Input Cable Installation

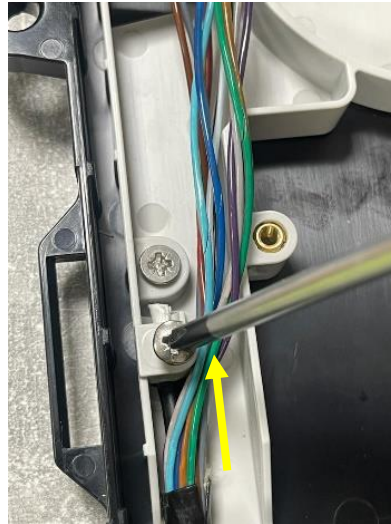
Step 10



- Sit the seal with cable and 4 drop seal back into the closure.

Input Cable Installation

Step 11



- Push the arrow-head cable sheath or CSM through the hole and secure with screw.
- Aramid is secured by wrapping around the screw and tightening screw.

Input Cable Installation

Step 12



- Secure input cable with a cable tie and trim excess length.

Input Cable Installation

Step 13



- Route the fibers onto the loop storage tray.

Input Cable Installation

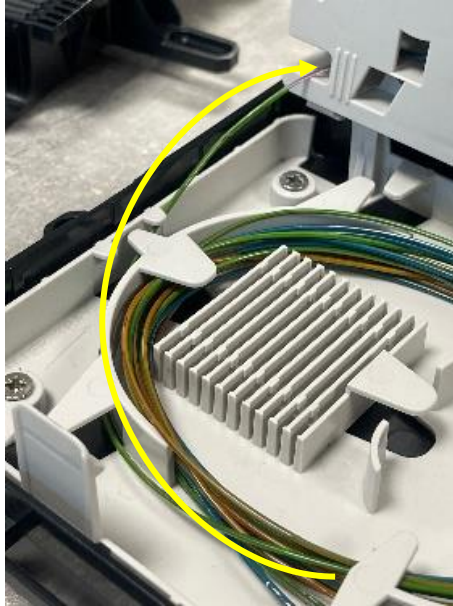
Step 14



- Store excess fiber under tabs in loop storage tray.

Input Cable Installation

Step 15



- Route fiber element to be spliced under the tab and onto splitter tray.

Input Cable Installation

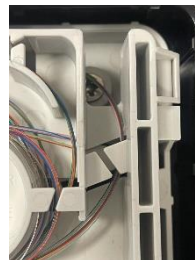
Step 16



- Unscrew and push tab to open splitter tray cover.

Input Cable Installation

Step 17



- Strip protective covering from the element and route fibres under tab using the fibre pin provided.

Input Cable Installation

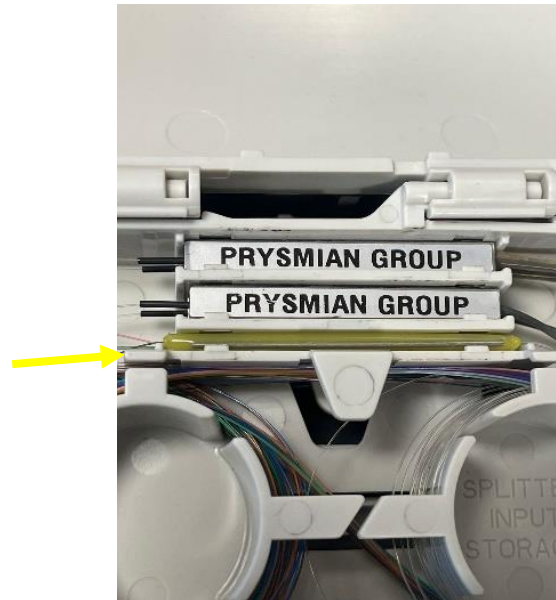
Step 18



- Route fibres neatly round the mandrels.

Input Cable Installation

Step 19



- Splice fiber to pigtail/splitter input as appropriate and fit splice protector in the space provided.

Input Cable Installation

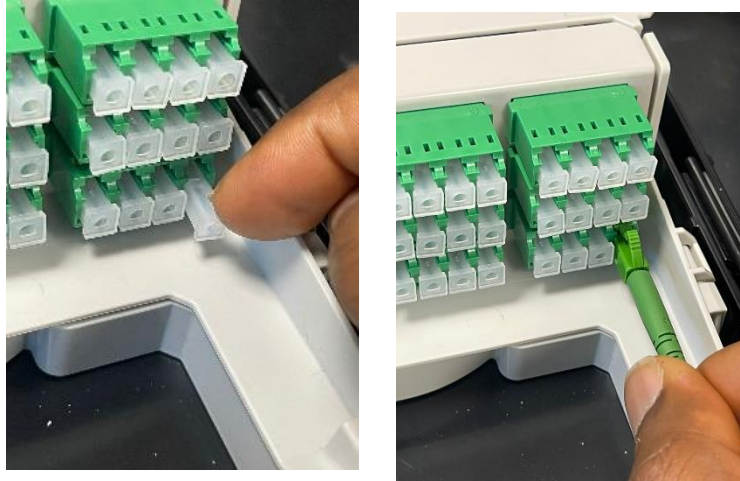
Step 20



- After all splicing is done, lock splitter tray.

Input Cable Installation

Step 21



- Identify adapters to be used. Remove blanks and connect drop cable(s).

Input Cable Installation

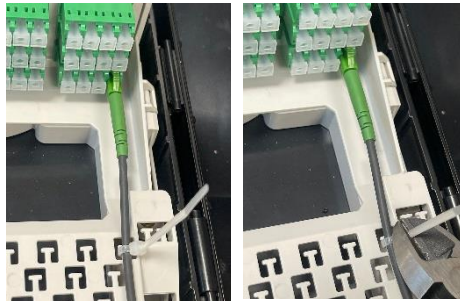
Step 22



- Identify drop cable position on the drop seals.
- Break off drop cable tab with a nose plier.

Input Cable Installation

Step 23



- Hold drop cable in place with cable tie.
- Trim excess length.

Input Cable Installation

Step 24



- Slightly push drop cable to hold in place between teeth.
- Repeat for all drop cable outputs. The installation is now complete.

Input Cable Installation

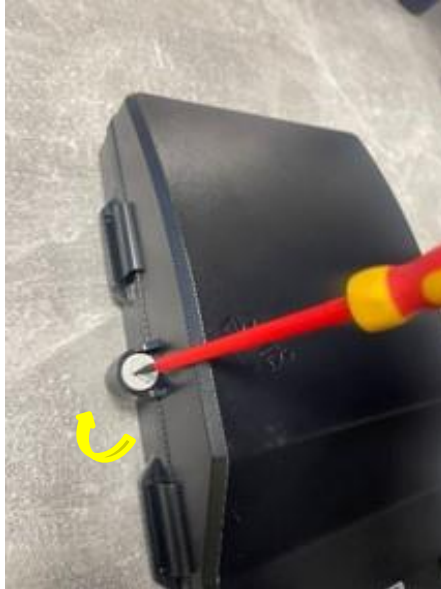
Step 25



- Close ACDC.

Input Cable Installation

Step 26



- With a flat-head screwdriver, lock ACDC.



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