

PBI- 16SC Installation Guides

IP/Installation Procedure for PBI- 16SC

This Installation Procedure details how to correctly use the PBI-16SC.







The PBI-16SC allows you to utilise this as a basement box, mid riser distribution or a main distribution solution. It can be equipped with different splitters, if required. And can be used in conjunction with SC connected cables and solid drop cables.



Precautions and Warnings

- ! This guide is only valid for products purchased from or approved by Prysmian.
- ! 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. Drill	2. Side Cutters	3. 6mm diameter Drill Bit	4. Scissors	5. Spirit Level	6. Screwdriver
					

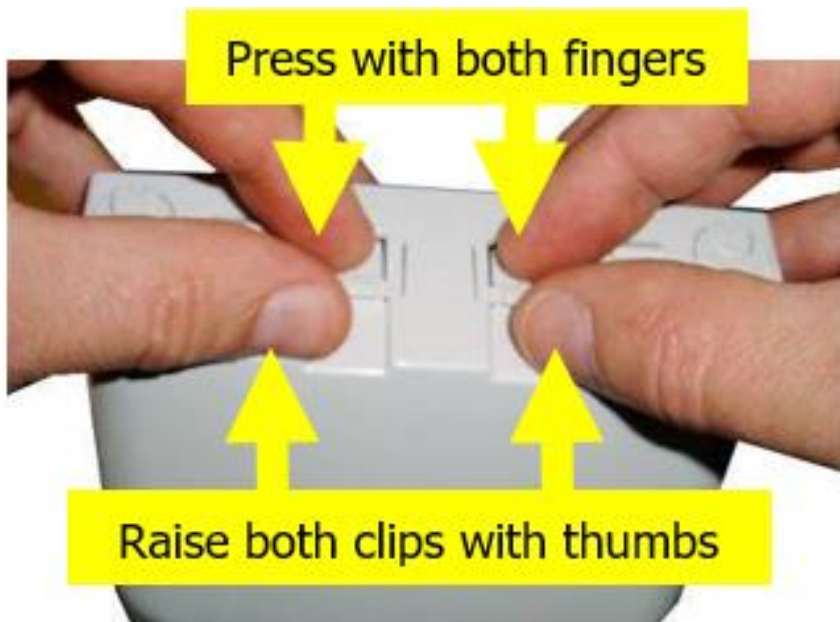
Parts List

The PBI-16SC is supplied with:

- the base,
- 3 splice trays,
- the lid,
- 16 SC/APC adaptors,
- 16 SC/APC pigtails,
- 4 Tie-wraps for fixing the cable in passage (100 x 2.6mm),
- 4 Identification label and protection cover,
- 4 fasteners for wall mounting.

Preparing and mounting the PBI- 16SC

Step 1



To open the lid, press the tabs of the clip on the top of the lid. We recommend using both index fingers to push the tabs, whilst using your thumbs to lift the base.

Preparing and mounting the PBI- 16SC

Step 2

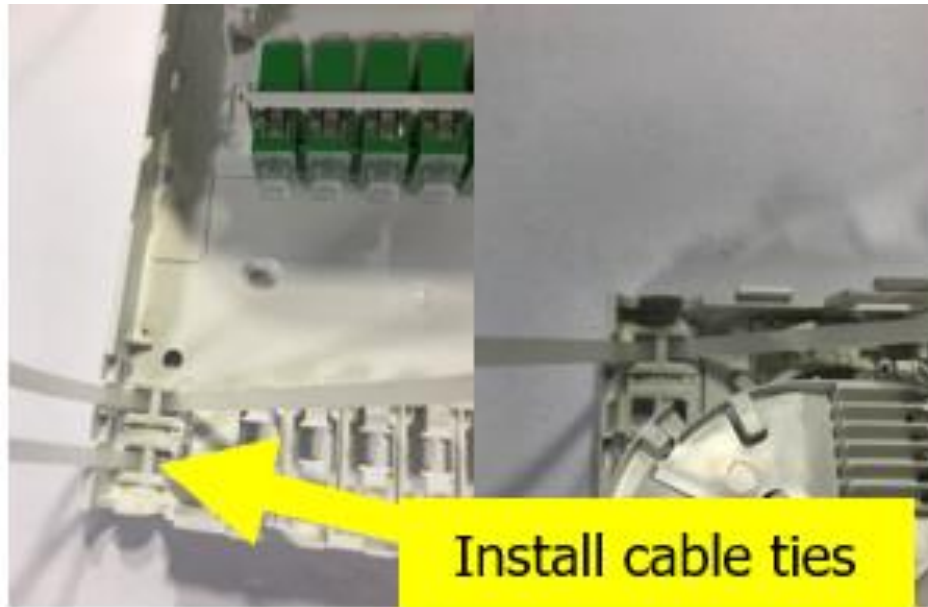


Depending on the size of the cable, remove one or two of the pre-cuts.

Repeat this as required.

Preparing and mounting the PBI- 16SC

Step 3



Install the provided cable ties to the cable restraints, one at the top and two at the bottom.

Preparing and mounting the PBI- 16SC

Step 4

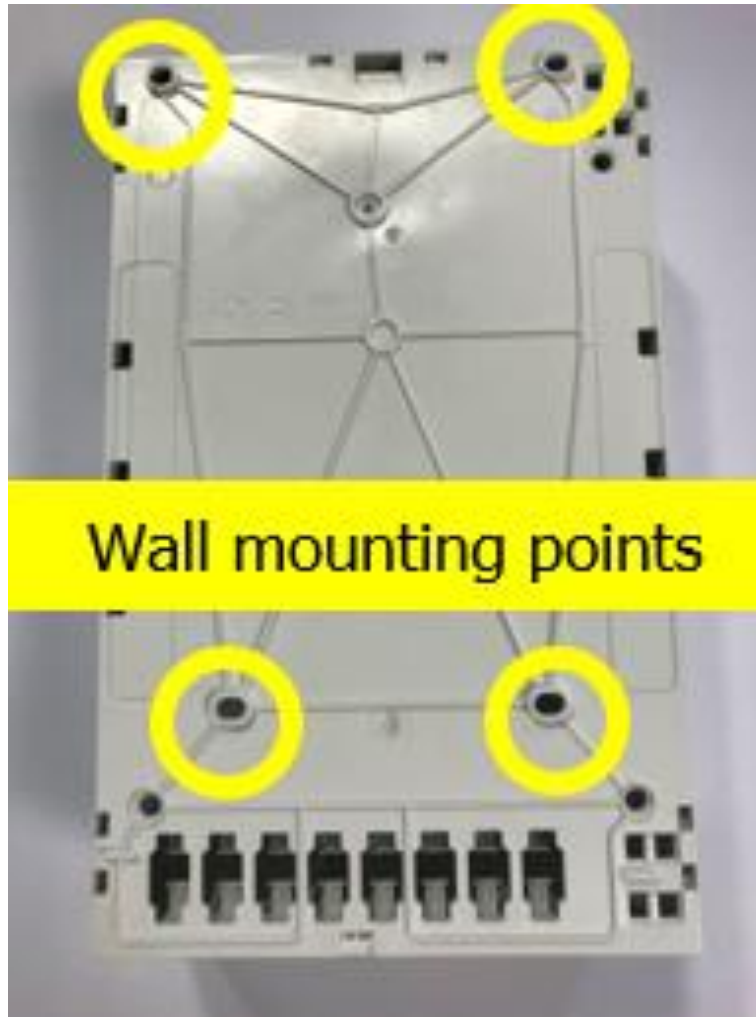
FLAT SURFACE

Chose a flat surface at a suitable height that you would like to mount the PBI-16SC.

Ensure that you follow local safety practices and regulations when making this decision.

Preparing and mounting the PBI- 16SC

Step 5



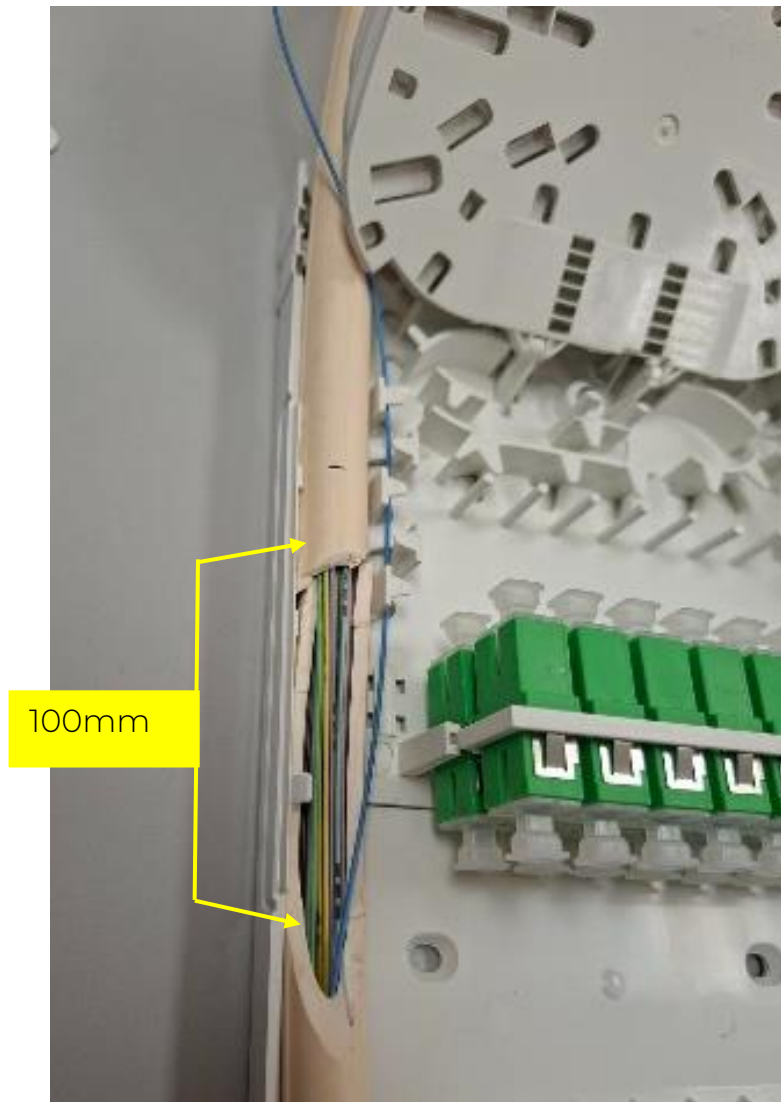
On the PBI-16SC there are four mounting holes that can be utilised.

Use a spirit level to ensure that the PBI-16SC will be level when mounted. And then (whilst following local safety procedures) use a 6mm drill bit to drill the holes.

Then use the provided wall plugs and screws to mount the PBI-16SC to the surface.

Installing Fibre into the PBI- 16SC

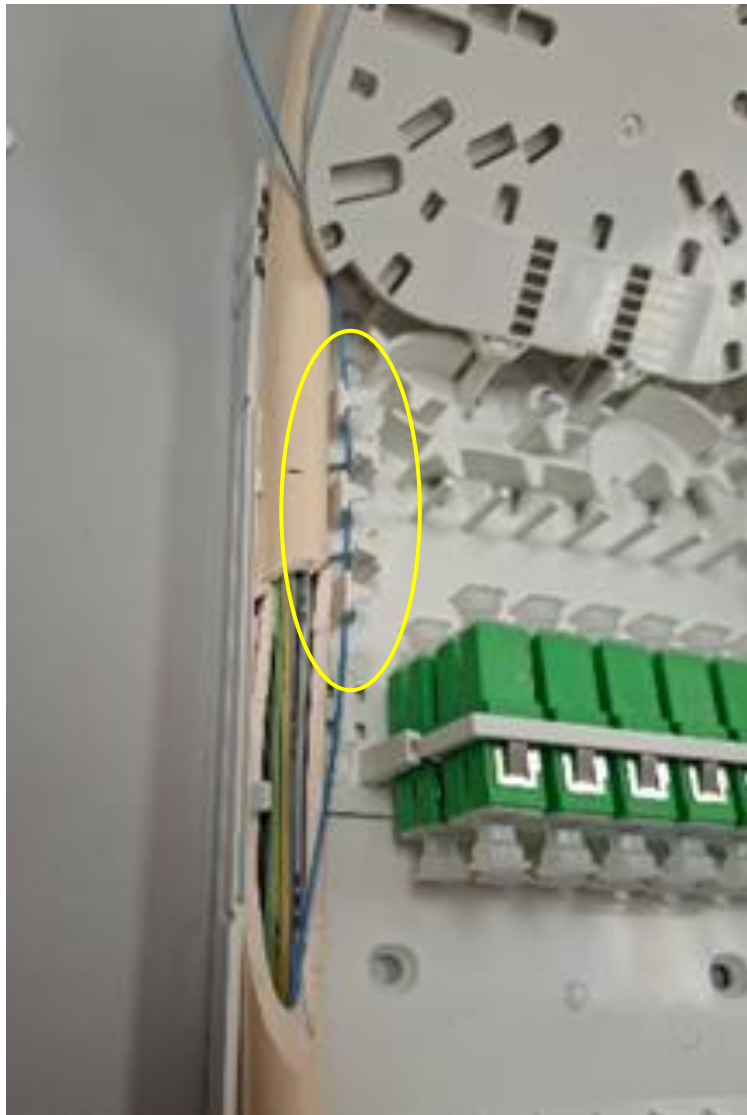
Step 1



Identify the previously prepared entry point for the feed cable. Then Install and fix the cable to the PBI-16SC. And tighten cable ties to secure cable.

Installing Fibre into the PBI- 16SC

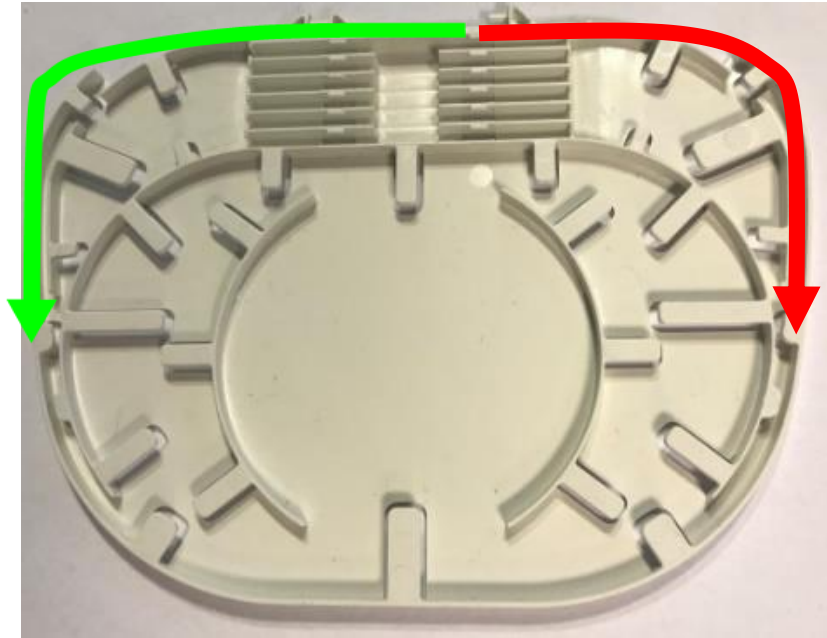
Step 2



The fibers can then be routed through the PBI-16SC, using the fibre guides that are built into the PBI-16SC and will safely guide the fibers into the desired tray.

Installing Fibre into the PBI- 16SC

Step 8

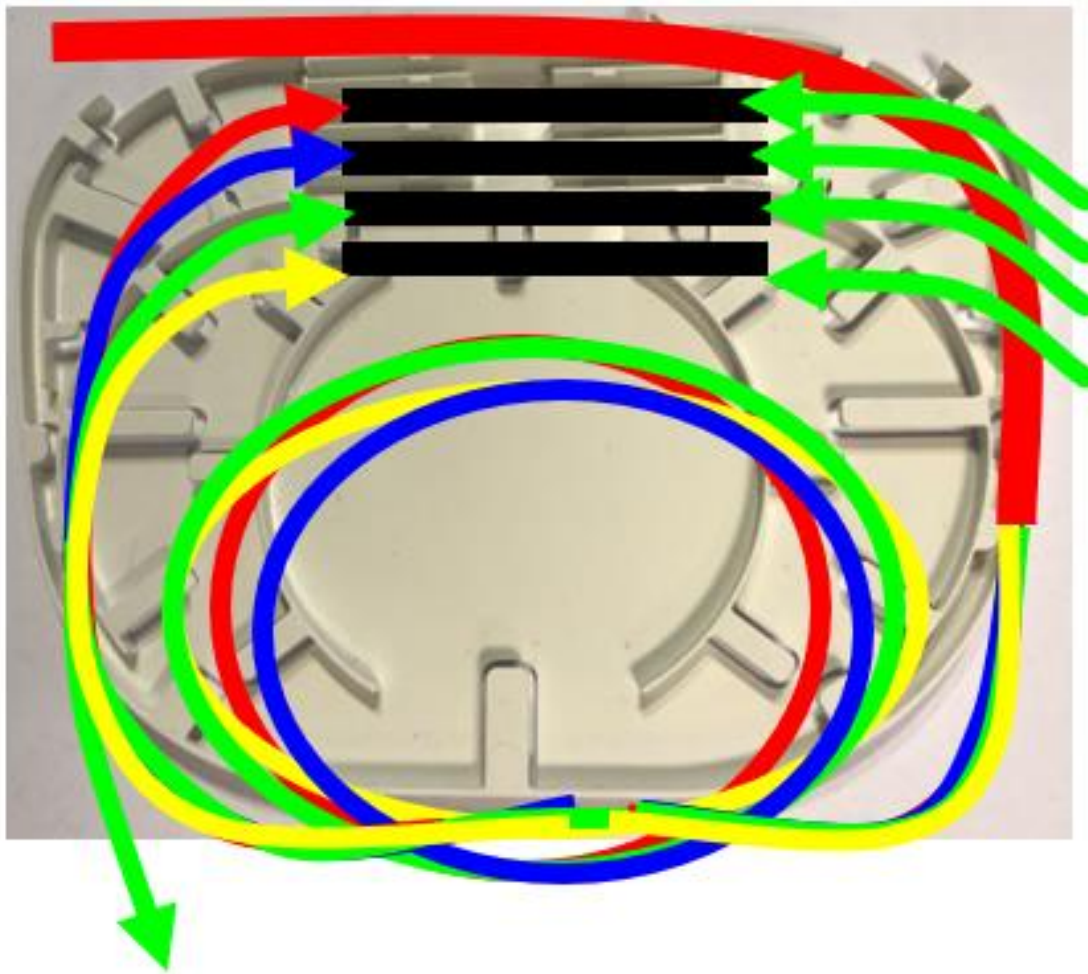


Then continue to install for the drop cables, using the same method as the feed cable to complete this procedure.

Ensure that the cable is run under the cable tabs to the required trays and wrap as shown

Installing Fibre into the PBI- 16SC

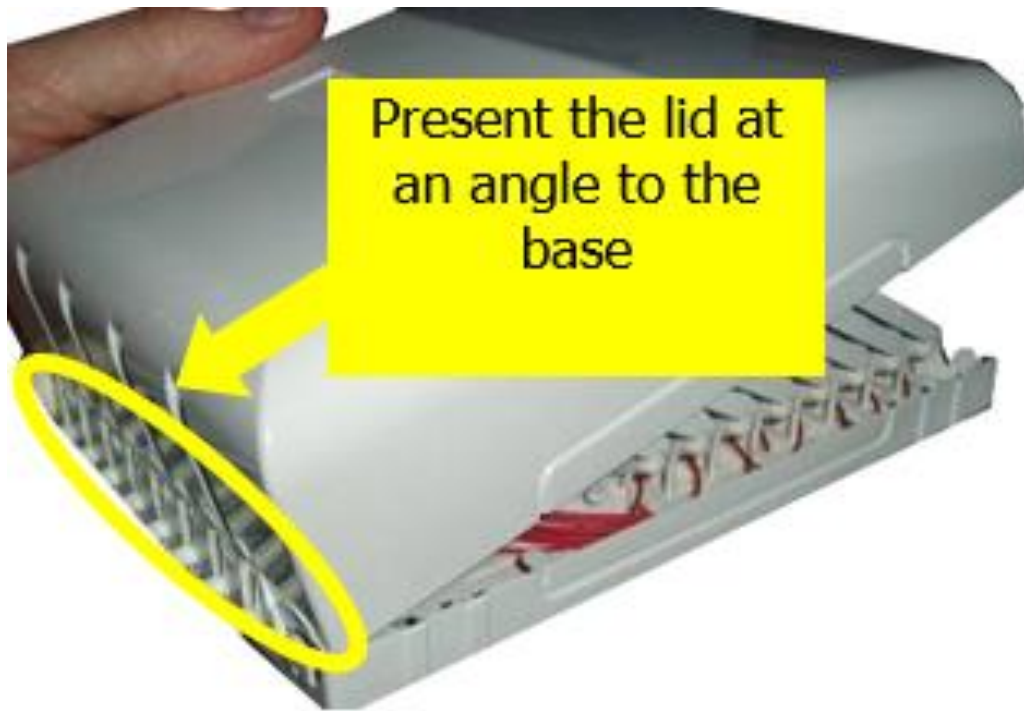
Step 4



Splice as required.

Closing and labelling the PBI- 16SC

Step 1



After splicing work as completed. Ensure that all splice trays are lowered to ensure the lid can close.

Then present the bottom of the lid to the base of the PBI-16SC at an angle, to insert the small hooks that connect.

Closing and labelling the PBI- 16SC

Step 2



Then push the top of the lid onto the PBI-16SC and ensure that both cover clips have been clicked into place.

Closing and labelling the PBI- 16SC

Step 3

Recess for positioning of the
label



Once closed correctly, find the white label provided and stick this into the recess of the lid of the PBI-16SC.

You can then label the contents correctly and then place the transparent cover over the sticker to ensure the stickers longevity.

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