

## **BEP 16, 24 (BEP12 box + 12FO extension box)**

This procedure will showcase two main products configurations.

1. Equipped with Pigtails -  
BEP (16) PN XCPSC05260  
BEP (24) PN XCPSC05261

\*24f Pigtails will be shown in the IP, for 16  
the steps will remain the same.

2. Equipped with preterminated cable.  
BEP (16) precon Flex Drop ADSS 30m PN XCPSC05277  
BEP (16) precon Flex Drop ADSS 40m PN XCPSC05278  
BEP (16) precon Flex Drop ADSS 50m PN XCPSC05279  
BEP (24) precon Flex Drop ADSS 30m PN XCPSC05280  
BEP (24) precon Flex Drop ADSS 40m PN XCPSC05281  
BEP (24) precon Flex Drop ADSS 50m PN XCPSC05282

\*24f precon will be shown in the IP, for 16  
the steps will remain the same.

**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

| Key                                                                               | T20 Tool                                                                          | Drill                                                                             | Marker                                                                            | Level                                                                               | Screwdriver                                                                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| PN: N/A                                                                           | PN: N/A                                                                           | PN: N/A                                                                           | PN: N/A                                                                           | PN: N/A                                                                             | PN: N/A                                                                             |
|  |  |  |  |  |  |

Packaging (inner cardboard box per product + outer cardboard box for 10 products)

Optional Kits:

- extension box up 12fo PN XXXXXXX
- Extension box Storage PN XXXXXXX
- Oval port kit (1 bag of 1000 parts) PN XXXXXXX
- inline port kit (1 bag of 1000 parts) PN XXXXXXX
- Corrugated tube entry as kit (1 bag of 1000 parts) PN XXXXXXX

**Wall Mounting - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 1**



Mark on the wall using a marker, the locations of the mounting positions.

**Wall Mounting - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 2**



Drill holes in the wall.

**Wall Mounting - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 3**

Mount the products using the screws & ensure both products are level.

**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 1**



Open the boxes using the key.

**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 2**



Ensure both are open.



**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 3**



Unscrew tray area to gain access to the gland.

**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

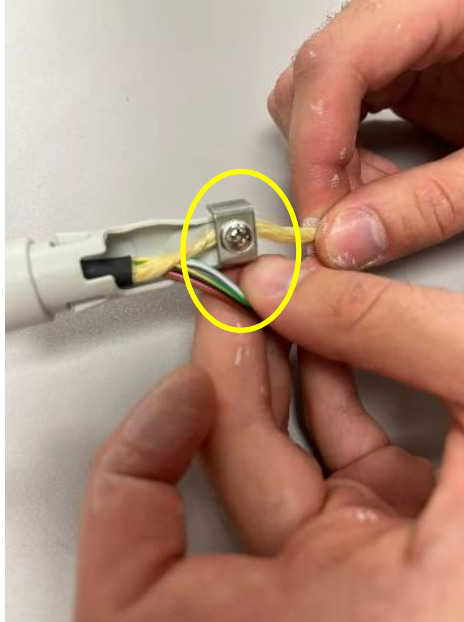
**Step 4**



Unclick the gland.

**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 5**



Feed your cable through the gland, anchor the aramid under the screw. Ensure that there is space under the metal and the screw is not fully tightened before trying to slot the aramid underneath it.

**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

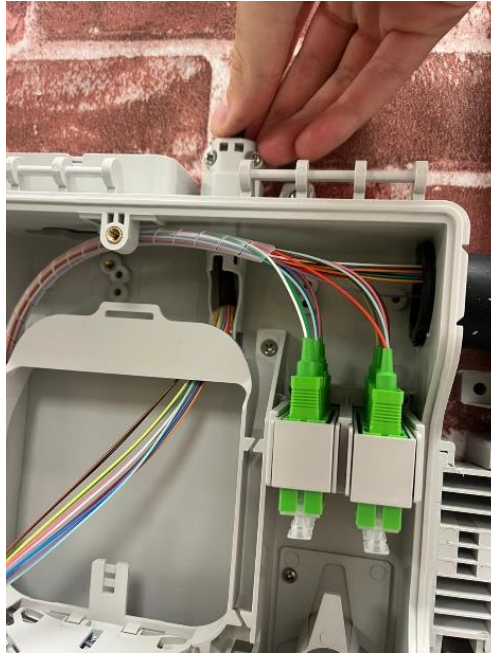
**Step 6**



Fully tighten the two gland plates together.

**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 1**



Click the gland into place and route the incoming elements behind the tray.

**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

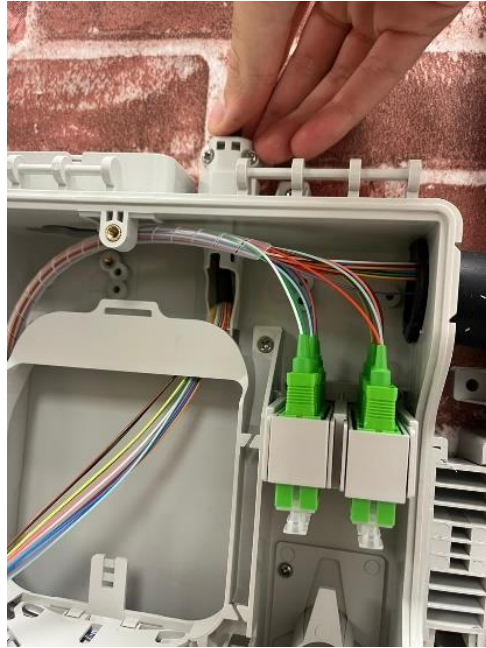
**Step 2**



Coil the elements going clockwise.

**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 3**



It should look like this.

## Cable Installation - BEP 16, 24 (BEP12 box + 12FO extension box) - w Pigtails

### Step 4

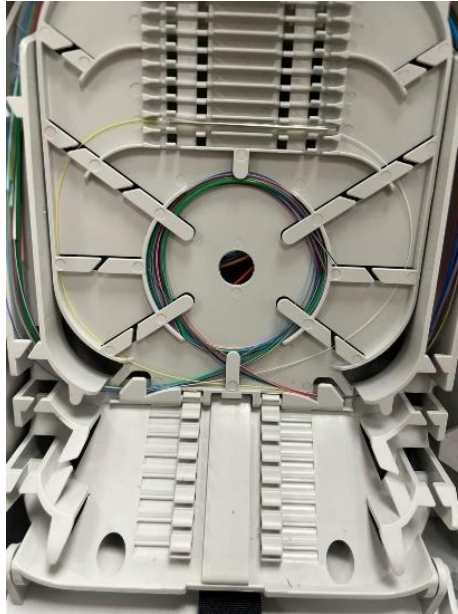


Bring the incoming cable elements on to the tray, ensure that they are stripped at the position pointed out.



**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 5**



Splice the incoming cable to the existing pigtails, using your company's preferred method. Place the splice holder in the position as shown.

**Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box) - w Pigtails**

**Step 6**



Place the splice tray cover back on to the tray, wrap the velcro around and lock the splice area up.

## Drop Cable Installation - BEP 16, 24 (BEP12 box + 12FO extension box)

### Step 1



Push through the rubber grommet through. Then bring through the drop cable.

## Drop Cable Installation - BEP 16, 24 (BEP12 box + 12FO extension box)

### Step 2



Unclip the grommet and plastic housing as shown.

## Drop Cable Installation - BEP 16, 24 (BEP12 box + 12FO extension box)

### Step 3



Bring the rubber grommet and plastic housing around the drop cable.

## Drop Cable Installation - BEP 16, 24 (BEP12 box + 12FO extension box)

### Step 4



Click the plastic housing together and plug in the drop into the patch panel.

## Drop Cable Installation - BEP 16, 24 (BEP12 box + 12FO extension box)

### Step 5



Repeat the above steps in the the BEP12 box if required. It should look like this when finished.

## Drop Cable Installation - BEP 16, 24 (BEP12 box + 12FO extension box)

### Step 6



Close the lids of both boxes and screw them shut.



**Wall Mounting - BEP 16, 24 (BEP12 box + 12FO extension box)  
- w Preterminated cable**

**Step 1**



Mark on the wall using a marker, the locations of the mounting positions.

**Wall Mounting - BEP 16, 24 (BEP12 box + 12FO extension box)  
- w Preterminated cable**

**Step 2**



Drill holes in the wall.

**Wall Mounting - BEP 16, 24 (BEP12 box + 12FO extension box)  
- w Preterminated cable**

**Step 3**

Mount the products using the screws & ensure both products are level.

**Drop Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box)  
- w Preterminated cable**

**Step 1**



Push through the rubber grommet through. Then bring in the drop cable.

**Drop Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box)  
- w Preterminated cable**

**Step 2**



Unclip the grommet and plastic housing as shown.

**Drop Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box)  
- w Preterminated cable**

**Step 3**



Bring the rubber grommet and plastic housing around the drop cable.

**Drop Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box)  
- w Preterminated cable**

**Step 4**



Click the plastic housing together and plug in the drop into the patch panel.

**Drop Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box)  
- w Preterminated cable**

**Step 5**



Repeat the above steps in the BEP12 box if required. It should look like this when finished.



**Drop Cable Installation - BEP 16, 24  
(BEP12 box + 12FO extension box)  
- w Preterminated cable**

**Step 6**



Close the lids of both boxes and screw them shut.

## Contact information

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