BEP 48 (BEP48 standalone box)

IP/Installation Procedure for BEP 48 (BEP48 standalone box)

This procedure will showcase two main products configurations.

1.   Equipped with Pigtails -
     BEP (48) PN XCPSC05262

2.   Equipped with preterminated cable.
     BEP (48) precon Flex Drop ADSS 30m PN XXXXXXX
     BEP (48) precon Flex Drop ADSS 40m PN XXXXXXX
     BEP (48) precon Flex Drop ADSS 50m PN XXXXXXX

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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.

INSTALLATION INSTRUCTION

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 carboard 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

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Wall Mounting - BEP 48 (BEP48 standalone box) - w Pigtails

Step 1

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

Wall Mounting - BEP 48 (BEP48 standalone box) - w Pigtails

Step 2

Drill holes in the wall.

Wall Mounting - BEP 48 (BEP48 standalone box) - w Pigtails

Step 3

Mount the product using the screws & ensure the product is level.

Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails

Step 1

Open the box using the key.

Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails

Step 2

After opening the box, unscrew the tray cover.

Cable Installation - BEP 48
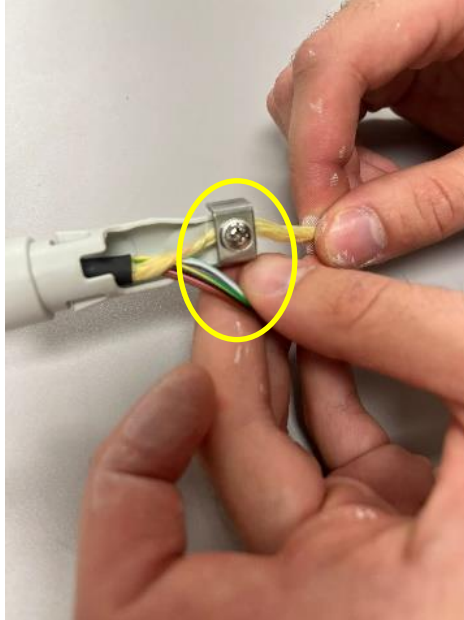## (BEP48 standalone box) - w Pigtails

Step 3

Unclick the circular gland.

Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails

Step 4

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 48
(BEP48 standalone box) - w Pigtails

Step 5

Secure the two halves together.

Cable Installation - BEP 48 (BEP48 standalone box) - w Pigtails

Step 1

Install the gland back into the BEP.

Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails

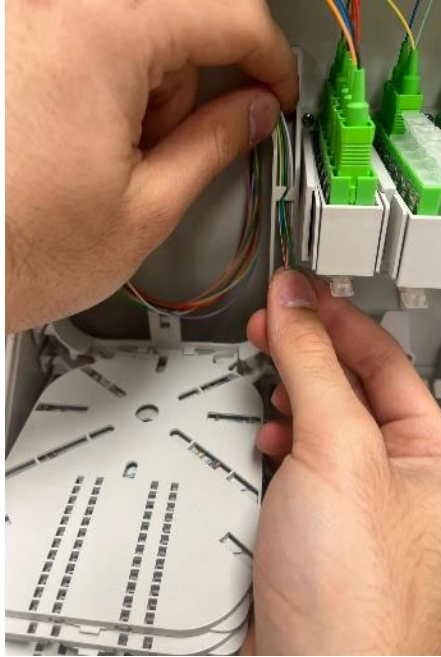**Step 2**

Route the fibre elements behind the tray, coil them going clockwise.

Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails
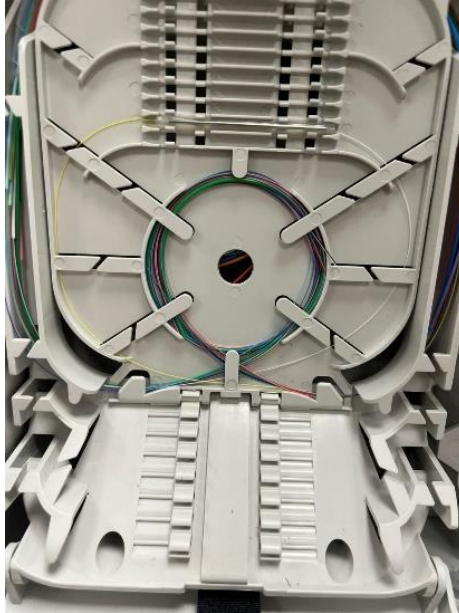
Step 3

Route the fibres up onto the trays, make sure that the elements are stripped at the point shown.

Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails

Step 4

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 48
(BEP48 standalone box) - w Pigtails

Step 5

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

**Drop Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails**

Step 1

Push through the rubber grommet as shown.

**Drop Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails**

Step 2	

Unclick the plastic housing.

Drop Drop Cable Installation - BEP 48 (BEP48 standalone box) - w Pigtails

Step 3

Feed the drop cable through.

Step 4

Place the rubber grommet over the drop cable and place the plastic housing over the grommet. Click into place.

**Drop Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails**

Step 5

Connect the drop cable into the patch panel and plug it in. It should look like this.

Drop Cable Installation - BEP 48
(BEP48 standalone box) - w Pigtails

Step 6

Close the lid of the BEP and screw it shut ,using the key.

Wall Mounting - BEP 48
(BEP48 standalone box) - w Precon cable

Step 1	

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

**Wall Mounting - BEP 48
(BEP48 standalone box) - w Precon cable**

Step 2

Drill holes in the wall.

Wall Mounting - BEP 48
(BEP48 standalone box) - w Precon cable

Step 3

Mount the product using the screws & ensure the product is level.

Drop Cable Installation - BEP 48 (BEP48 standalone box) - w Precon Cables

Step 1

Push through the rubber grommet as shown.

Drop Cable Installation - BEP 48 (BEP48 standalone box) - w Precon Cables

Step 2

Feed the drop cable through.

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Drop Cable Installation - BEP 48 (BEP48 standalone box) - w Precon Cables

Step 3	
Place the rubber grommet over the drop cable and place the plastic housing over the grommet. Click into place.	

Drop Cable Installation - BEP 48 (BEP48 standalone box) - w Precon Cables

Step 4

Connect the drop cable into the patch panel and plug it in. It should look like this.

Drop Cable Installation - BEP 48 (BEP48 standalone box) - w Precon Cables

Step 5	
Close the lid of the BEP and screw it shut, using the key.	

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