

BE-BOX-12/24

Floor splicing box

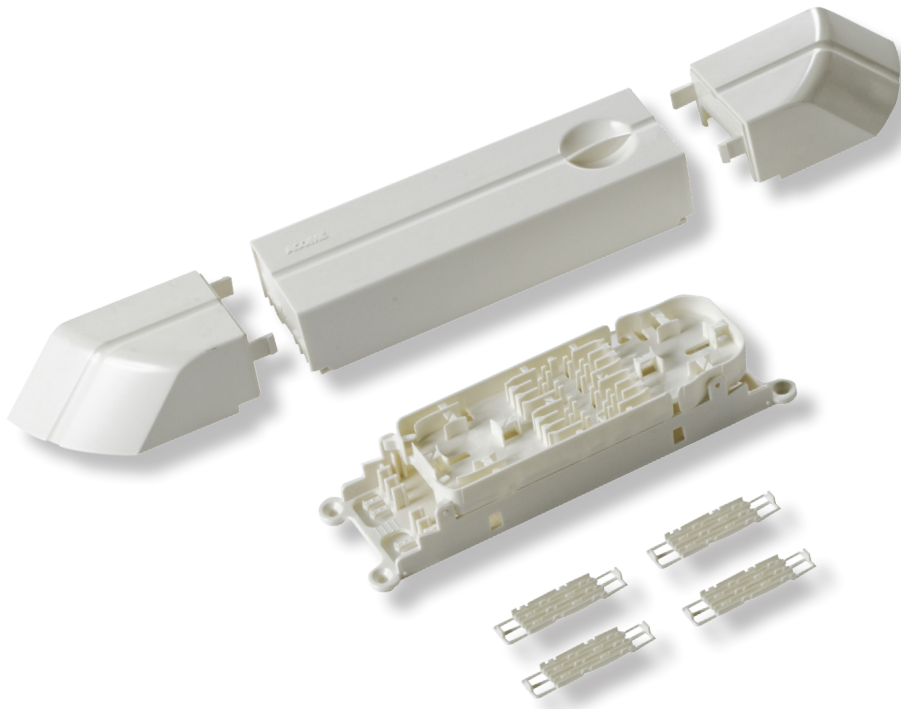


Table of contents

Overview	2
Mechanical installation	2
Box installation along the PCV wireway	2
Optical installation	3
Distribution cable installation	3
Splicing tray installation	3
Management of waiting fibres of the cable distribution	4
Customer Drop cable installation	4
Tray cabling	5
Extension covers	6
Box opening and closing	6

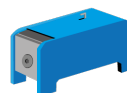
Required tools



Screwdriver



Wire cutters



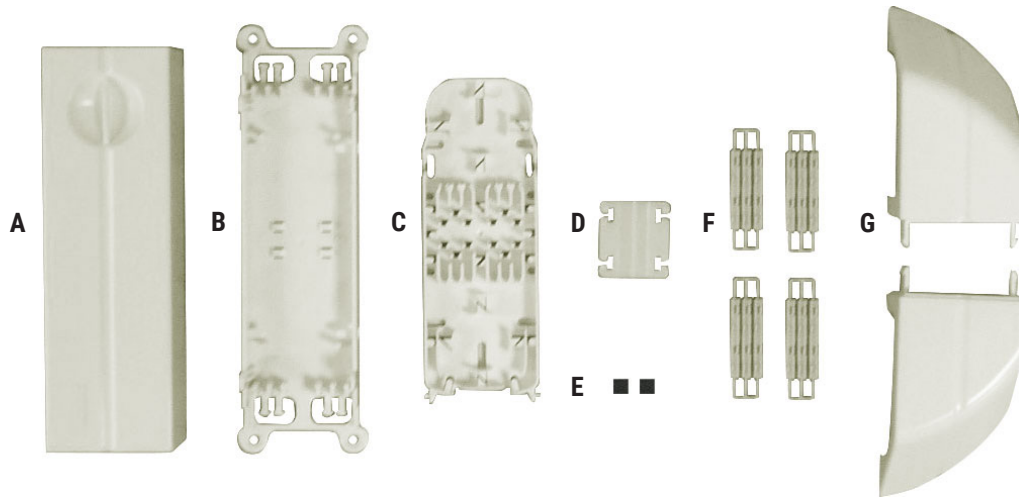
Acome IC5006 tool

BE-BOX-12/24

Floor splicing box

Overview

BE-BOX-12/24 enables the derivation and connection of 12 or 24 fibers of the vertical distribution cable depending on the version.



Repère	Désignation	Repère	Désignation
A	Cover	E	Adhesive foams
B	Box	F	Set of 3 fusion splicing adapters (Be-Box-12 version)
C	Tray of 12 or 24 OF	G	Extension covers (Optional)
D	Anti-twist plate		

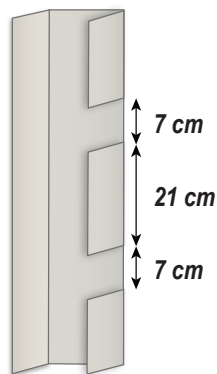
Mechanical installation

Box installation along the PCV wireway

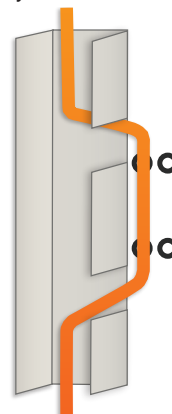
Step 1:
Open the PVC wireway.



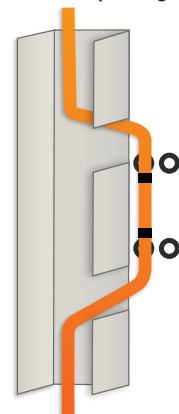
Step 2:
Create the windows and fixation holes.



Step 3:
Lay the cable.



Step 4:
Mark the opening.



BE-BOX-12/24

Floor splicing box

Mechanical installation (continued)

Box installation along the PCV wireway

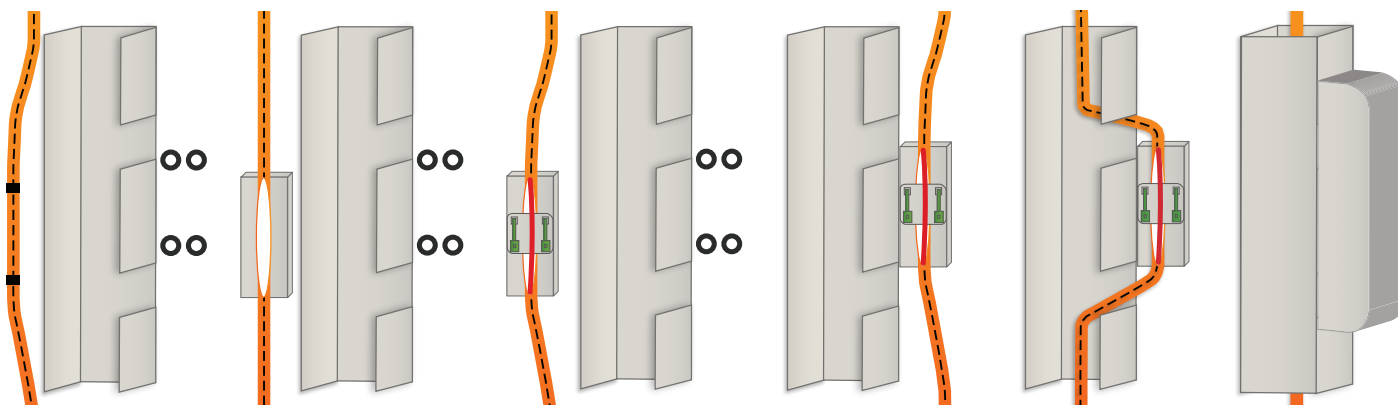
Step 5:
Open the cable
with IC5006.

Step 6:
Works on straight cable.
Fix the cable in the box.

Step 7:
Place the compact tubes
above the plate, then fix
the plate.

Step 8:
Fix the box on the wall.
Insert the cable in the wireway.

Step 9:
Insert the splicing
tray in the box.
And close the box.



----- Open mark on the cable

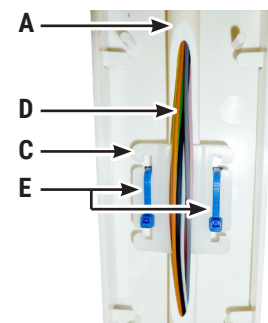
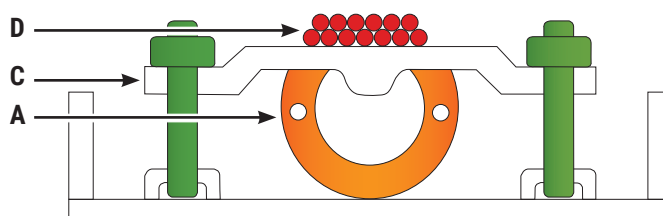
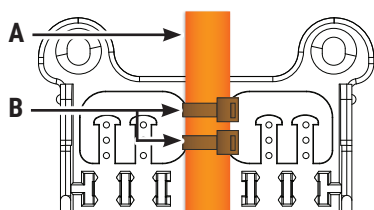
Optical installation

Distribution cable installation

Attach the cable (A) with plastic ties (B) (not included) onto the central clamping devices located at the top and bottom of the box.

For the case of permanent accessibility cable, insert a anti-twist plate (C) between the cable (A) and opticals modules (D).

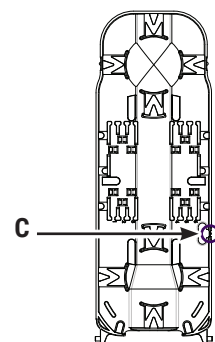
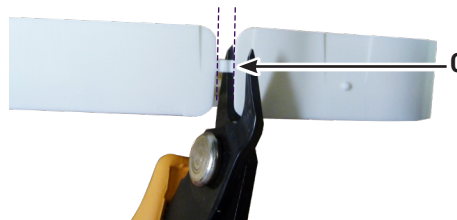
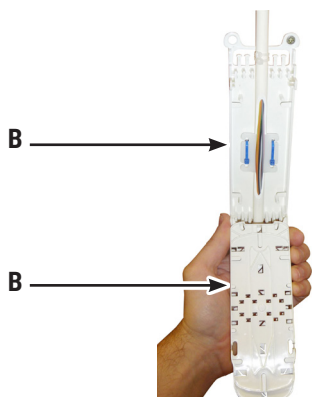
Attach the anti-twist plate (C) with two plastic ties (E) (not included) in the bottom of box.



Splicing tray installation

Insert a tray (A) in the bottom of box (B).

Break the port (C) to make the transition possible between waiting fibres area and splicing fibres area.



BE-BOX-12/24

Floor splicing box

Optical installation (continued)

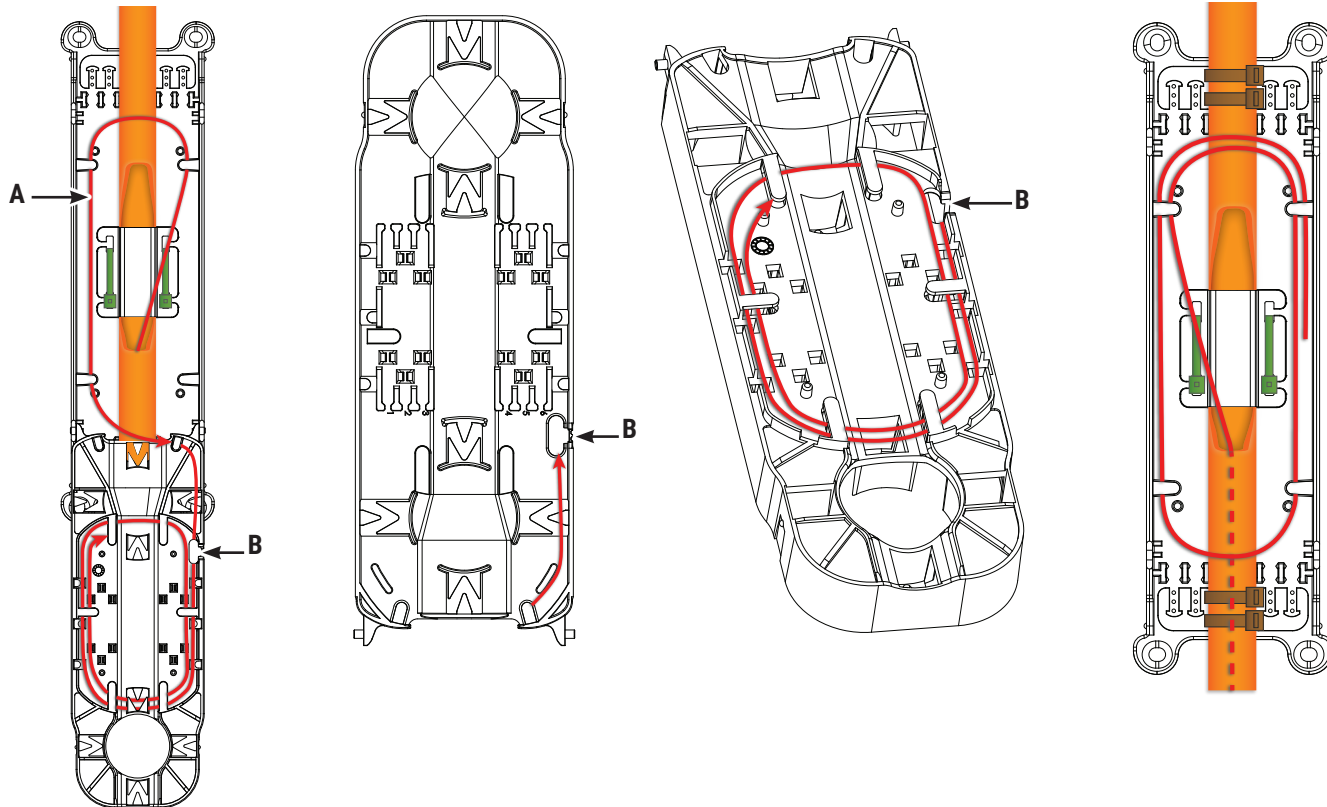
Management of waiting fibres of the cable distribution

Route a module of fibres (A) on the bottom of the box.

Route the module to the splicing area (B).

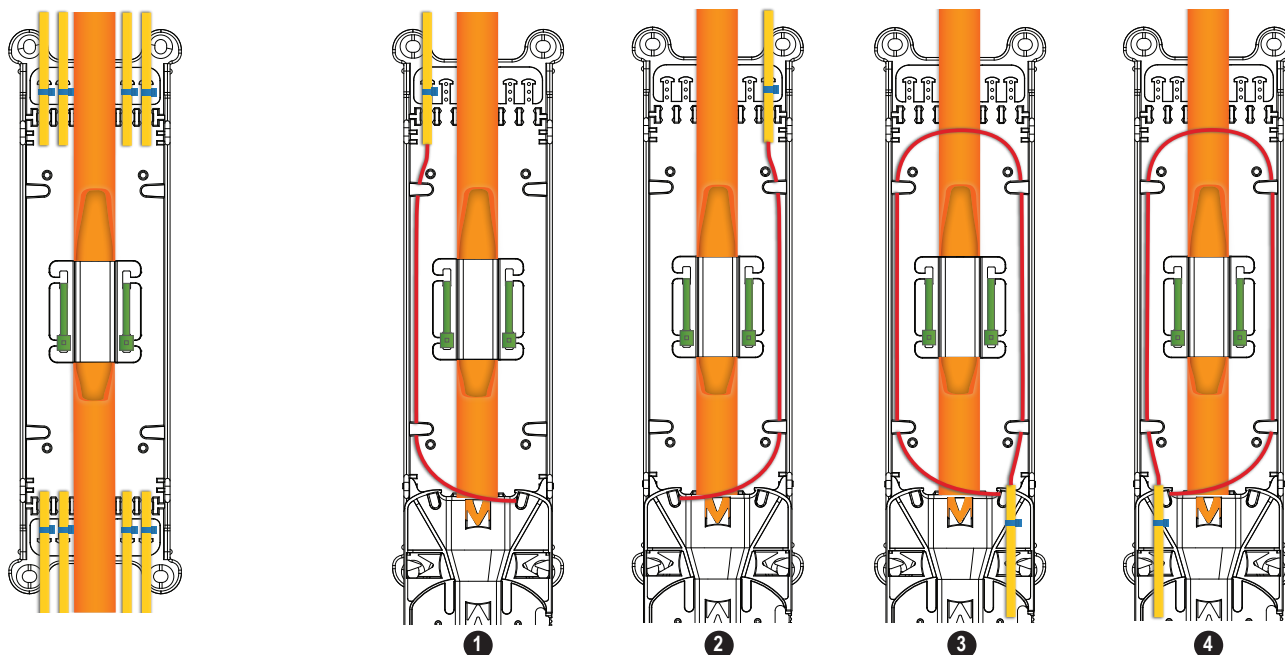
Use the fibre path (B) to access the waiting fibres area.

Other solution of storage: Coil the modules in the bottom of the box.



Customer Drop cable installation

- Remove fibre protection tube on 1,20m following supplier process.
- Insert the cable in U clamp.
- Put the plastic tie on the clamping device.
- Route a 900µm sheath on the fibre up to the tray entry (1 to 4).



BE-BOX-12/24

Floor splicing box

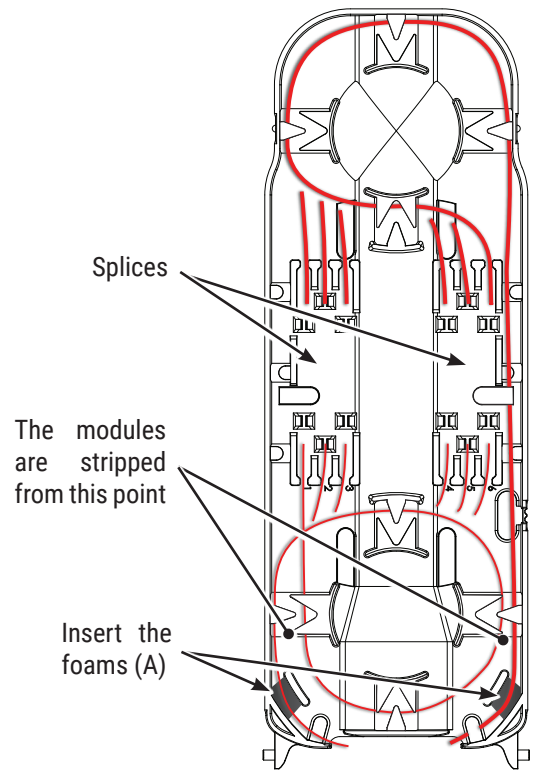
Optical installation (continued)

Tray cabling

- Insert the foams in the entry of splicing tray (A).

Routing fibres in the tray:

- In the bottom of the tray, coil the customer fibres.
- In the top, coil the distribution fibres.

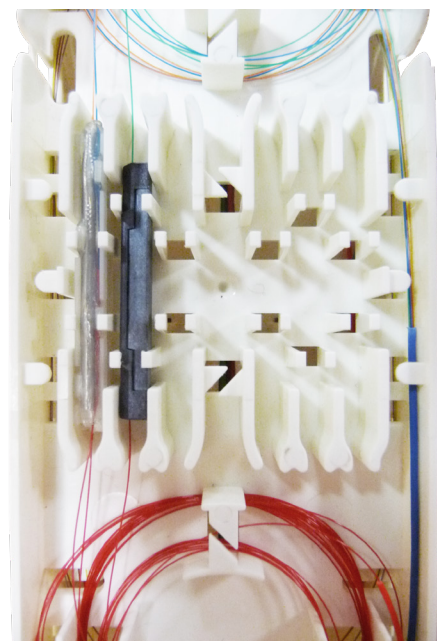


Be-Box-24 version

Splicing up to 24 sleeves of protection 40 or 45 mm.

Be-Box-12 version

Either mechanical or fusion splicing thanks to provided adapters up to 12 splices.



Optical installation (continued)

Extension covers

In the case of installation along a wireway, use the extension cover.

Break the rectangular windows by pushing it in one of its corners with screwdriver.



Break all cable ports windows.



Insert both two extension covers into the main cover.



Box opening and closing

- Before closing the box, check that the cable ports windows on cover are broken according to cable configuration.
- Engage the cover with the handle up. Press the cover to close it.
- To open the box, use its handle. If the opening is heavy with the hand, use a tool.



Products are manufactured according to standards where they exist and tolerances customary in standard quality. Idea Optical does not guarantee the ability of the product to the purpose for which it was designed and not a separate or special use, which could be intended Buyer. These exclusions includes instances of incorporation products by Buyer in sets or systems delivered to a third party. In addition, the responsibility of Idea Optical can not be held liable for any defects due to normal wear and tear of the Product, improper installation or siting, implementation does not conform to the rules of art, DTU, technical advice and applicable instructions or requirements of the Seller, to improper use, lack of maintenance or storage, damage, injury resulting from negligence, fault handling or monitoring, malfunction related materiel to a case of force majeure or fortuitous event, a unilateral intervention on the Products without prior written consent of Seller or an error resulting from inaccurate data provided by the Buyer. Whatever the cause, Idea Optical can in no way be considered liable for any indirect or consequential loss and / or consequential damages that would be caused by the buyer.