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| Titolo: <p style="text-align: center;">NGB0</p> | | | |

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NGB0



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1 INTRODUCTION

FOCUS NGB line, designed with simple and innovative design appealing and linear look, properly to PON and FTTH needs. Reliable and able to match the highest international quality standard (IEC 61753) in order to operate in C (controlled) – G (outside) – A (aerial) categories. Suitable both for internal (buildings, technical rooms...) and external application (wall, pole, cabinet, pedestal...), they can be used in dust and water presence. The full selection of available accessories allows the management of different types of cables and fibers (G.652 and G.657 standards), besides the possibility to obtain different versions for splicing only or both patch and splice. By using FOCUS SAM modules it is possible to match different splice capacity, applying both mechanical (FIBERCLIP) and heath-shrinkable (FIBERTERM) splice protections. FOCUS NGB0 is supplied with screw lock security (default) against accidental or unauthorized openings. Hex key lock system available upon request. is featured by a variety of lock security systems.

APPLICATION

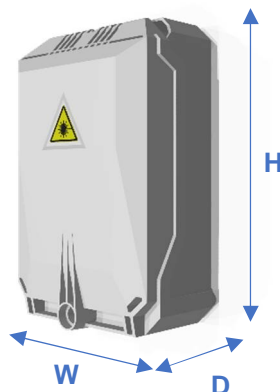
Access network subscriber termination
 Optical distribution premises box
 TLC - FTTH - PON networks

TECHNICAL FEATURES

Reliable – international standards
 Multifunctional – patch, splice or both
 Compact – highest performance in minimum space
 Multitasking – internal and external application
 Easy installation – simple and with a full accessories' selection
 Flexible – customized
 Approachable - costs/benefits

NGB0 size (mm):

- Width: 110
- Height: 170
- Depth: 70



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2 KIT CONTENT

The splice only box in the NGB0 version allows to splice a high fibre amount in a very small space. Compact, functional, quick and easy to install, they represent the safest and most versatile solution in the FTTH networks. The box is studied for simple cable splice branch or small count end-to-end connectivity. Due to very tiny dimensions. mid-span uncut cable management is not allowed. A complete accessories set for the management of the input and output optical cables is available. Pole mounting kit co-moulded with the box, metallic tie-wraps are not included.

NGB0-S-48H

NGB Box - size 1 - SPLICE and cable LOOP space. This box includes 4 trays RHD with holder H for FIBERTERM splices - (Splices per tray: 12 - Tot. splices per box: 48)

NGB0-S-24C

NGB Box - size 1 - SPLICE and cable LOOP space. This box includes 2 trays RHD with holder C for FIBERCLIP splices - (Splices per tray: 12 - Tot. splices per box: 24)

BOX
FOCUS NGB0 S

BOX **NGB**
 SIZE **0**
 SPLICE ONLY **S**

48H
 4 TRAYS RHD TYPE FOR SPLICE ONLY
 WITH HOLDER TYPE H FOR FIBERTERM SPLICES
 (12 SPLICES PER TRAY)

MAX. NUMBER CABLE ENTRY
 (IN + OUT) 3



3 OPTIONAL KITS

NGBKIT to multiple seal for many cables

| | |
|--|--|
| NGBKIT-PG16-6X4 <i>CABLE GLAND PG 16 FOR 6 CABLES Ø 4 mm</i> | NGBKIT-PG29-4X10 <i>CABLE GLAND PG 29 FOR 4 CABLES Ø 10 mm</i> |
| | |
| NGBKIT-PG29-2X13 <i>CABLE GLAND PG 29 FOR 2 CABLES Ø 13 mm</i> | |
| | |

Titolo:

NGB0

NGBKIT to single seal for tube or cable

NGBKIT-PG07-03-06
CABLE GLAND PG07 SINGLE SEAL
FOR 1 CABLE \varnothing 03~06 mm



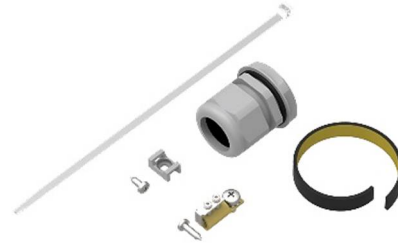
NGBKIT-PG11-05-10
CABLE GLAND PG11 SINGLE SEAL
FOR 1 CABLE \varnothing 5~10 mm



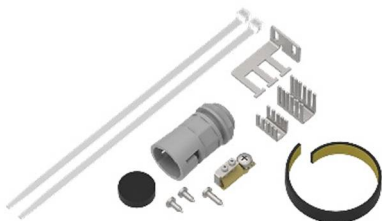
NGBKIT-PG16-10-14
CABLE GLAND PG16 SINGLE SEAL
FOR 1 CABLE \varnothing 10~14 mm



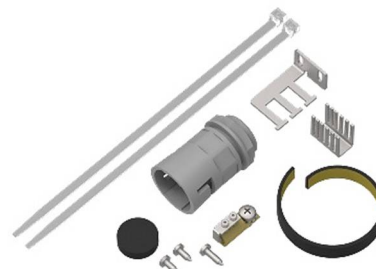
NGBKIT-PG21-13-18
CABLE GLAND PG21 SINGLE SEAL
FOR 1 CABLE \varnothing 13~18 mm



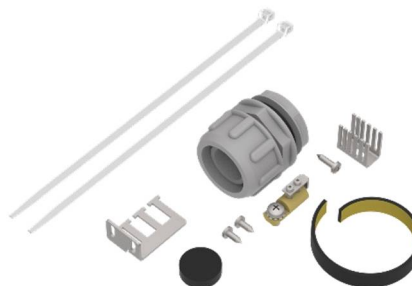
NGBKIT-CABLE CLAMP-20CC
CABLE GLAND SINGLE SEAL
FOR 1 CORRUGATED TUBE \varnothing 20 mm



NGBKIT-CABLE CLAMP-25CC
CABLE GLAND SINGLE SEAL
FOR 1 CORRUGATED TUBE \varnothing 25 mm



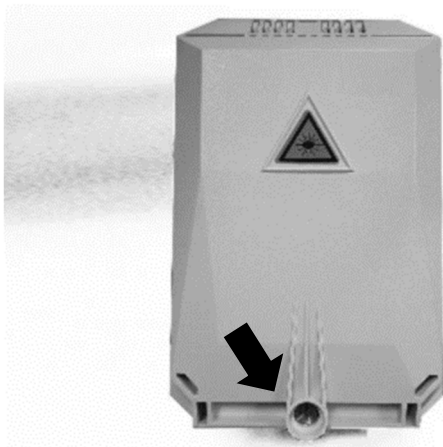
NGBKIT-PG21-25 TUBE
CABLE GLAND PG29 SINGLE SEAL
FOR 1 TUBE \varnothing 25 mm



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4 PRELIMINARY OPERATIONS

4.1 BOX OPENING



When installed, unlock the box by the proper key.



Open the self-sustaining box cover until the upper hinge click.

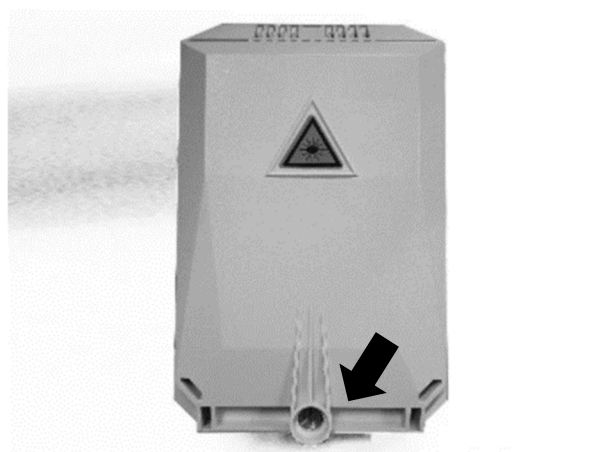


If necessary, strongly pull and remove the cover from the base.

4.2 BOX CLOSING



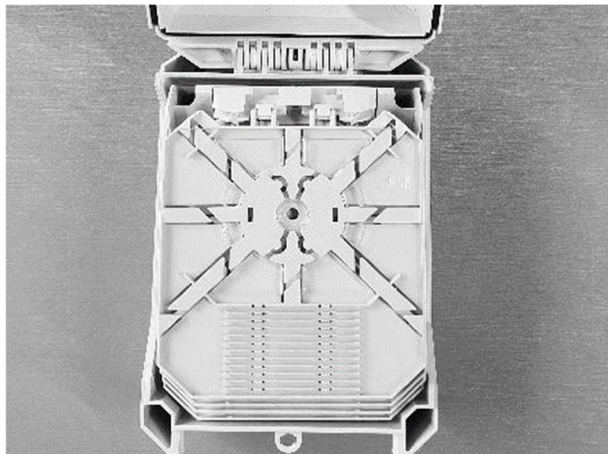
Close the self-sustaining box cover until the bottom side pins clicks



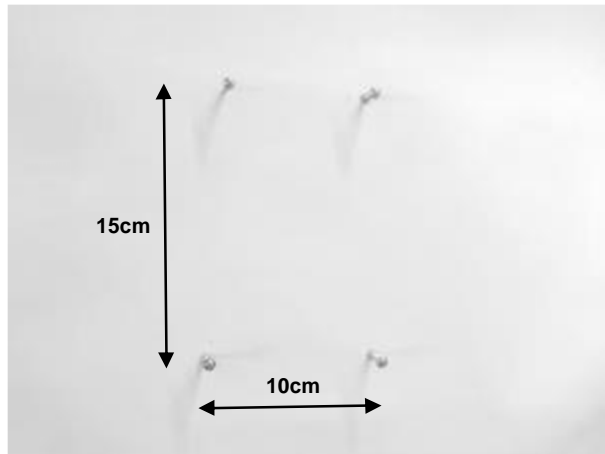
When installed, lock the box by the proper key

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4.3 WALL MOUNTING

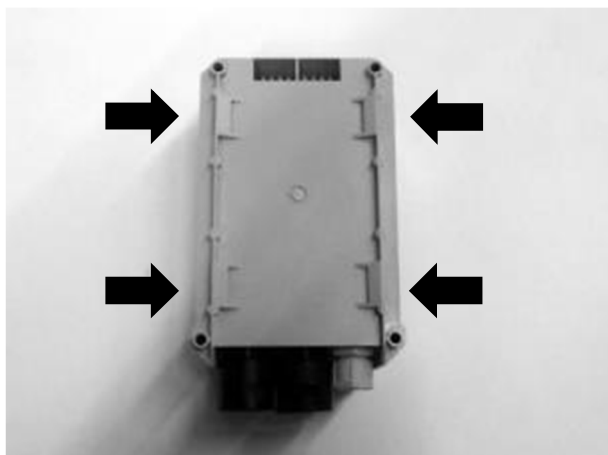


Open the box. Put the box against the wall and mark the 4 points for the holes. **Note: leave at least 20cm of free height from the top of the box necessary to open and/or remove the cover.**



Drill the wall making four ø6mm holes and install the anchors.

4.4 POLE MOUNTING



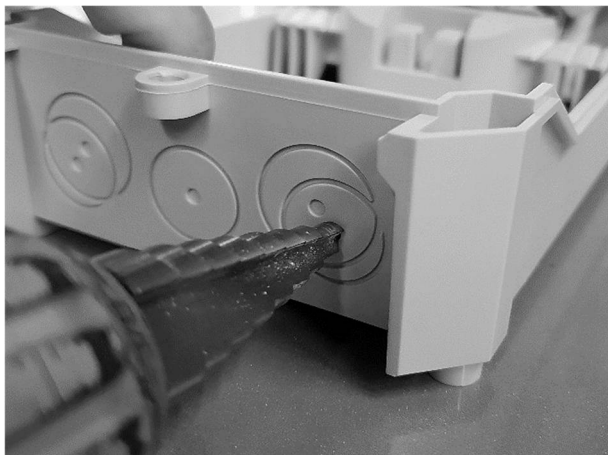
Insert two metallic tie-wraps (not included) into the rear showed positions.



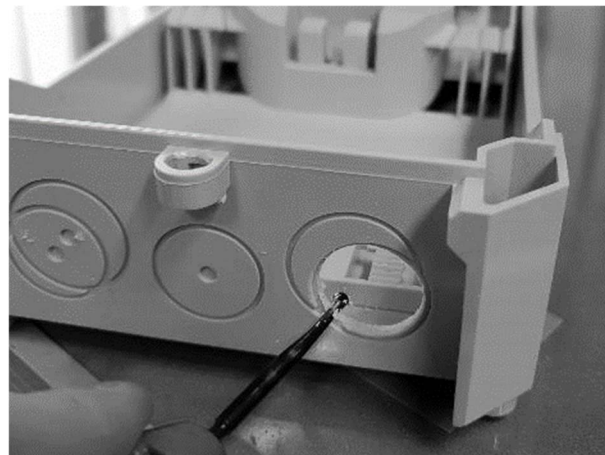
Fix on pole. It is not necessary to open the box during pole mounting operations.

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5 SEALING KIT INSTALLATION



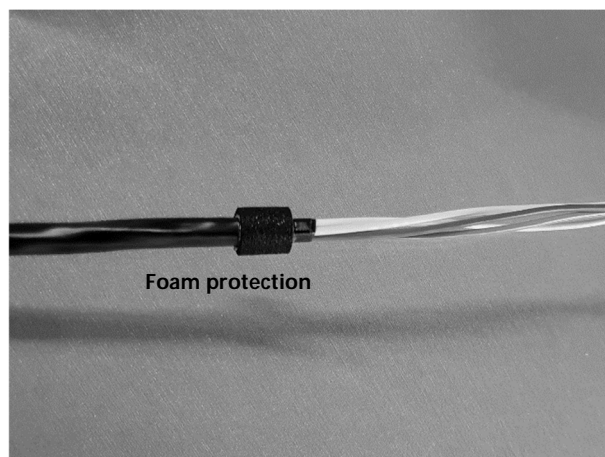
NGBO box accept single cable inlets only. Open the port choosing the appropriate diameter according with the selected PG gland.



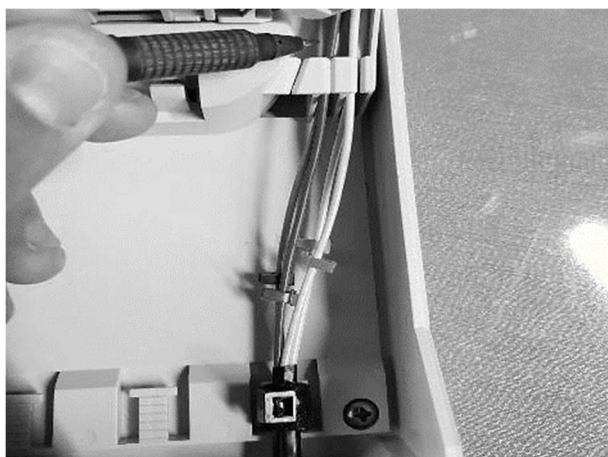
Be careful to drill the box in the right position. Carefully remove any burrs from the drilled hole.



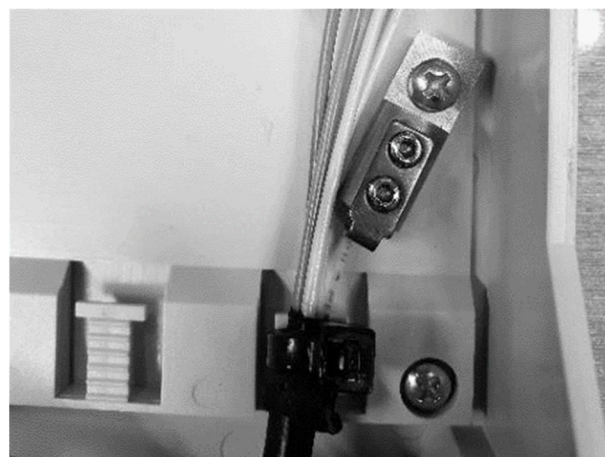
Install the cable glands and check they are properly tied to the box base.



Remove the cable jacket (about 160cm) and install the foam protection on the transition point..

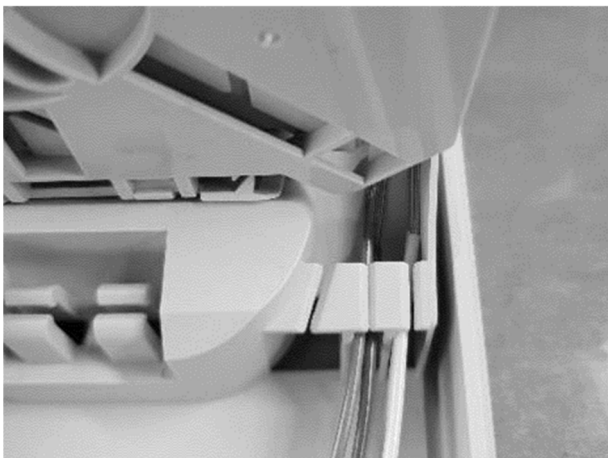


Fix the cable by tie-wrap. Mark the cable modules just over the tubes holder.

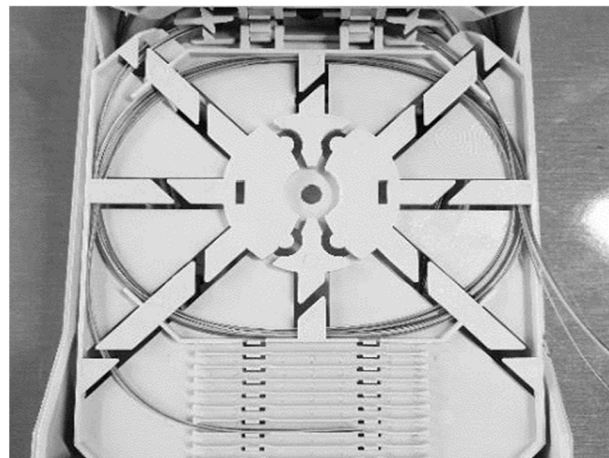


When possible install the strength member fixation (side of the box) and secure the cable strenght member.

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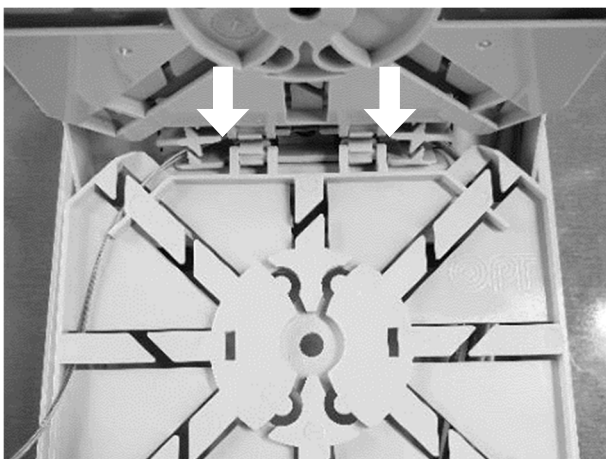


Remove the fibre module jackets and route bare fiber as showed in the picture.

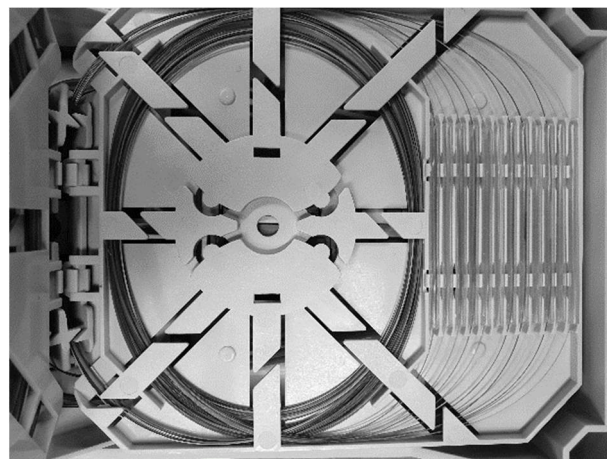


When needed use a spare tray to store dark fibres.

6 FIBRE MANAGEMENT INSTALLATION



Insert the bare fiber into the channel,



Splice the fibres and hold the splice protection.
 Properly route and storage the fiber into the tray

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