

NGB NEXT GENERATION PATCH AND SPLICE BOXES



FOCUS NGB line, designed with simple and innovative design appealing and linear look, properly fits 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 (G652 and G657), besides the possibility to obtain different versions of sole splicing or both patch and splice.

By using FOCUS SAM modules it is possible to match different splice capacity, applying some protection systems both mechanical (FIBERCLIP) and heat-shrinkable (FIBERTERM). Moreover the boxes are designed for allocating the patching systems with the main common connectors on the market, in addition to the locally mounted ones, PLC and optical reflectors.

FOCUS NGB series is featured by a variety of lock security systems against accidental or unauthorized openings.

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



MAX SIZE. IN mm		
Width	Height	Depth
216	325	125
165	255	110
110	170	70

* Integrated pole fixing system

FOCUS-NGB-BASE (empty version)
includes these items:

- 1 Base
- 1 Cover
- 1 Cover foam gasket
- 1 Laser beam label 25mm
- 4 Fishers' screw anchor
- 1 Screw (NGB0)
- 2 Latch assembly (NGB1 and NGB2)
- 2 Cover locks (NGB1 and NGB2)

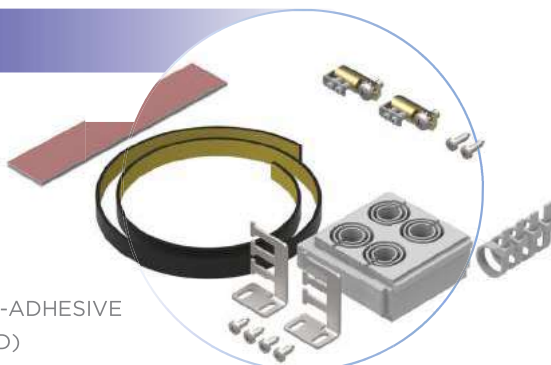
Boxes

NGBKIT DEVICES FOR MICROCABLES AND PATCHCORDS COLD SEALING

FOCUS-NGBKIT-MCS-4X20

KIT FOR NGB 1 AND 2 BOXES
MULTIPLE CABLE SEAL GASKET
MADE OF SILICON RUBBER
FOR 4 CABLES OR 2 UNCUT
CABLES Ø20 mm

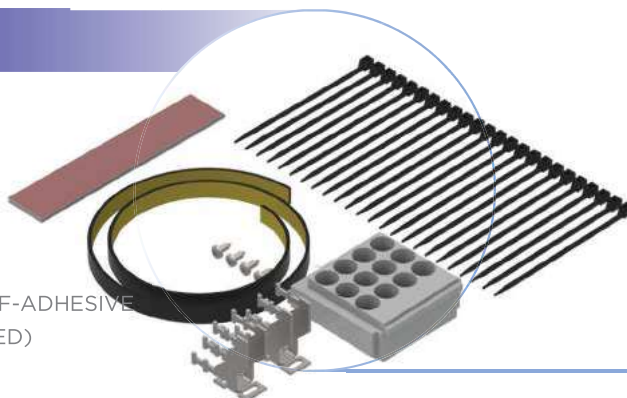
CABLES BRACKET, SCREWS, SELF-ADHESIVE
FOAM AND TIE-WRAPS (INCLUDED)



FOCUS-NGBKIT-MCS-12X10

KIT FOR NGB 1 AND 2 BOXES
MULTIPLE CABLE SEAL GASKET
MADE OF SILICONE RUBBER
FOR 12 CABLES Ø10 mm

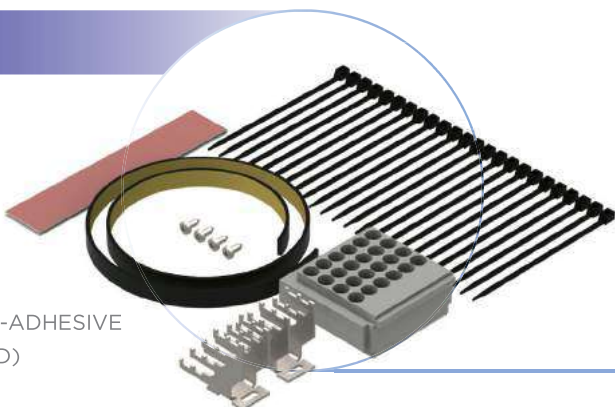
CABLES BRACKET, SCREWS, SELF-ADHESIVE
FOAM AND TIE-WRAPS (INCLUDED)



FOCUS-NGBKIT-MCS-24X6

KIT FOR NGB 1 AND 2 BOXES
MULTIPLE CABLE SEAL GASKET
MADE OF SILICONE RUBBER
FOR 24 CABLES Ø6 mm

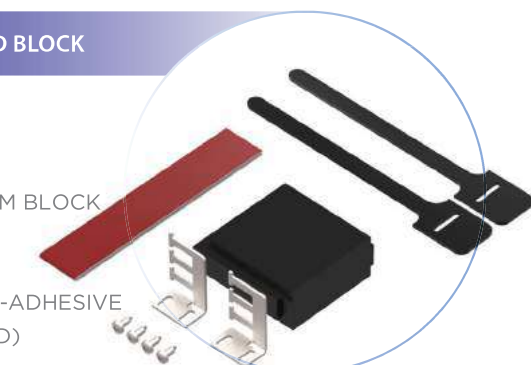
CABLES BRACKET, SCREWS, SELF-ADHESIVE
FOAM AND TIE-WRAPS (INCLUDED)



FOCUS-NGBKIT-MCS-PATCHCORD BLOCK

KIT FOR NGB 1 AND 2
GASKET OF POLYURETHANE FOAM BLOCK
48 CABLES CAPACITY

CABLES BRACKET, SCREWS, SELF-ADHESIVE
FOAM AND TIE-WRAPS (INCLUDED)

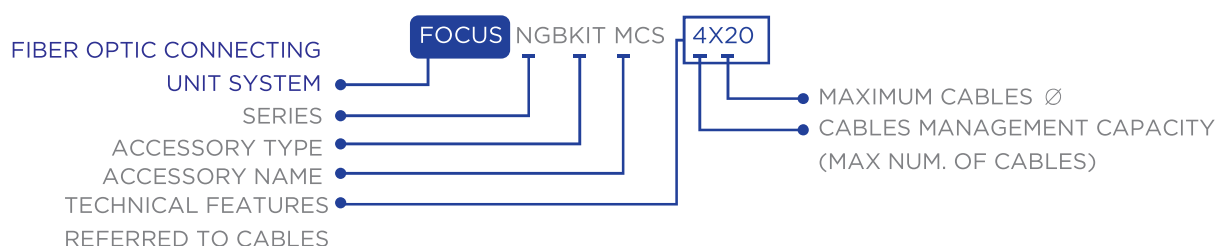


Boxes

NGBKIT DEVICES FOR MICROCABLES AND PATCHCORDS COLD SEALING

FOCUS NGBKIT allows the management of many cables both in entrance and in exit inside the boxes belonging to the FOCUS NGB series. NGBKIT PG NXN are multiple cable glands, whereas the FOCUS MCS NXN are silicone rubber gaskets designed by STL's Optotec. Depending on the specific needs, every NGBKIT could be suited to all the boxes.

NGBKIT to Multiple Seal



FOCUS-NGBKIT-PG16-6X4

KIT FOR NGB 0, 1 AND 2
CABLE GLAND PG16
FOR 6 CABLES Ø4 mm

CABLES BRACKET, SCREWS,
SELF-ADHESIVE
FOAM AND TIE-WRAPPS (INCLUDED)



FOCUS-NGBKIT-PG29-4X9

KIT FOR NGB 1 AND 2
CABLE GLAND PG29
FOR 4 CABLES FROM Ø8.5 mm to
Ø9.5 mm

CABLES BRACKET, SCREWS,
SELF-ADHESIVE FOAM
AND TIE-WRAPPS (INCLUDED)



FOCUS-NGBKIT-PG29-2X12

KIT FOR NGB 1 AND 2
CABLE GLAND PG29
FOR 2 CABLES FROM Ø9 mm
to Ø12mm

CABLES BRACKET, SCREWS,
SELF-ADHESIVE FOAM
AND TIE-WRAPPS (INCLUDED)

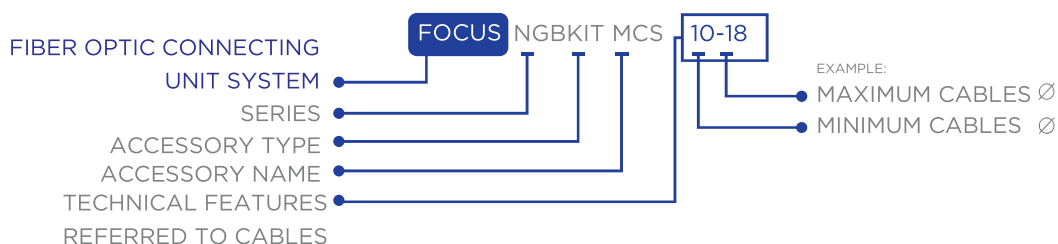


Boxes

NGBKIT DEVICES FOR MICROCABLES AND PATCHCORDS COLD SEALING

FOCUS NGBKIT is a single cable glands that STL's Optotec suggests to pair with all boxes of FOCUS NGB series. Those kits allow to manage both the entrance and the exit of the cable and also the corrugated tube. FOCUS NGBKIT PG N-N TUBE and FOCUS NGBKIT CABLE CLAMP are suitable for tube management, whereas FOCUS NGBKIT PG N-N are designed for cables. According to specific needs, it is possible to pair the NGBKIT with the NGB box.

To understand NGBKIT to multiple seal



FOCUS-NGBKIT-CABLE CLAMP-20CC

KIT FOR NGB BOXES SIZE 0, 1 AND 2
CABLE GLAND SINGLE SEAL
FOR 1 CORRUGATED TUBE Ø20mm

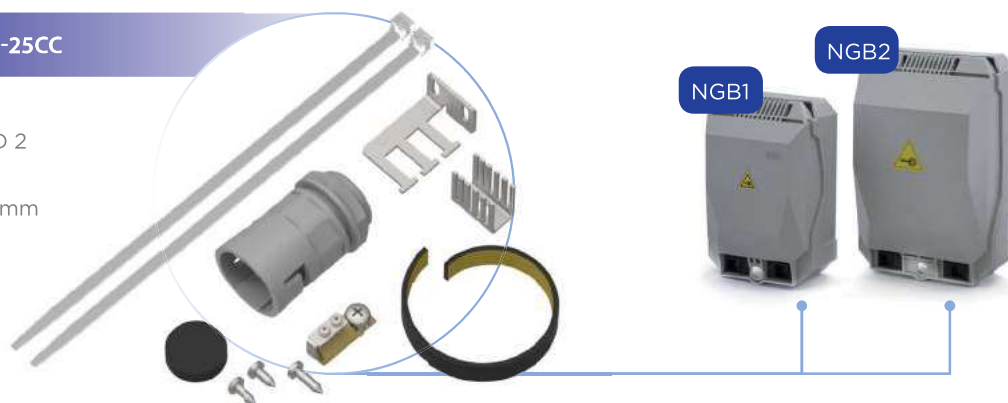
HOLDER, CABLE CLAMP,
CABLES BRACKET, SCREWS,
SELF-ADHESIVE FOAM
AND TIE-WRAPPS (INCLUDED)



FOCUS-NGBKIT-CABLE CLAMP-25CC

KIT FOR NGB BOXES SIZE 1 AND 2
CABLE GLAND SINGLE SEAL
FOR 1 CORRUGATED TUBE Ø 25mm

HOLDER, CABLE CLAMP,
CABLES BRACKET, SCREWS,
SELF-ADHESIVE FOAM
AND TIE-WRAPPS (INCLUDED)



FOCUS-NGBKIT-PG21-25 TUBE

KIT FOR NGB BOXES SIZE 1 AND 2
CABLE GLAND PG29 SINGLE SEAL
FOR 1 TUBE Ø 25 mm

HOLDER, CABLE CLAMP,
CABLES BRACKET, SCREWS,
SELF-ADHESIVE FOAM
AND TIE-WRAPPS (INCLUDED)



Boxes

NGBKIT DEVICES FOR MICROCABLES AND PATCHCORDS COLD SEALING

FOCUS-NGBKIT-PG11-05-10

KIT FOR NGB BOXES SIZE 0, 1 AND 2
CABLE GLAND PG11 SINGLE SEAL
FOR 1 CABLE Ø5~10 mm

CABLES BRACKET, SCREWS,
SELF-ADHESIVE
FOAM AND TIE-WRAP (INCLUDED)



FOCUS-NGBKIT-PG16-10-14

KIT FOR NGB BOXES SIZE 0, 1 AND 2
CABLE GLAND PG16 SINGLE SEAL
FOR 1 CABLE Ø10~14 mm

CABLES BRACKET, SCREWS,
SELF-ADHESIVE
FOAM AND TIE-WRAP (INCLUDED)



FOCUS-NGBKIT-PG21-13-18

KIT FOR NGB BOXES SIZE 1 AND 2
CABLE GLAND PG21 SINGLE SEAL
FOR 1 CABLE Ø13~18 mm

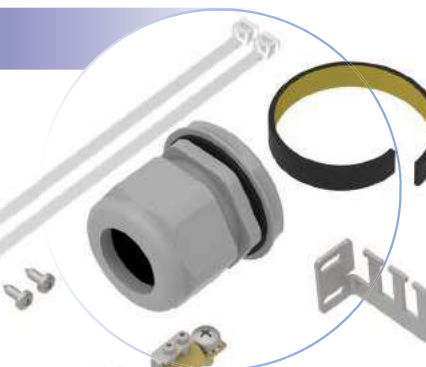
CABLES BRACKET, SCREWS,
SELF-ADHESIVE
FOAM AND TIE-WRAP (INCLUDED)



FOCUS-NGBKIT-PG29-18-25

KIT FOR NGB BOXES SIZE 2
CABLE GLAND PG29 SINGLE SEAL
FOR 1 CABLE Ø18~25 mm

CABLES BRACKET, SCREWS,
SELF-ADHESIVE
FOAM AND TIE-WRAP (INCLUDED)



Boxes

ROE multi-dwelling unit (MDU) and PTE termination box

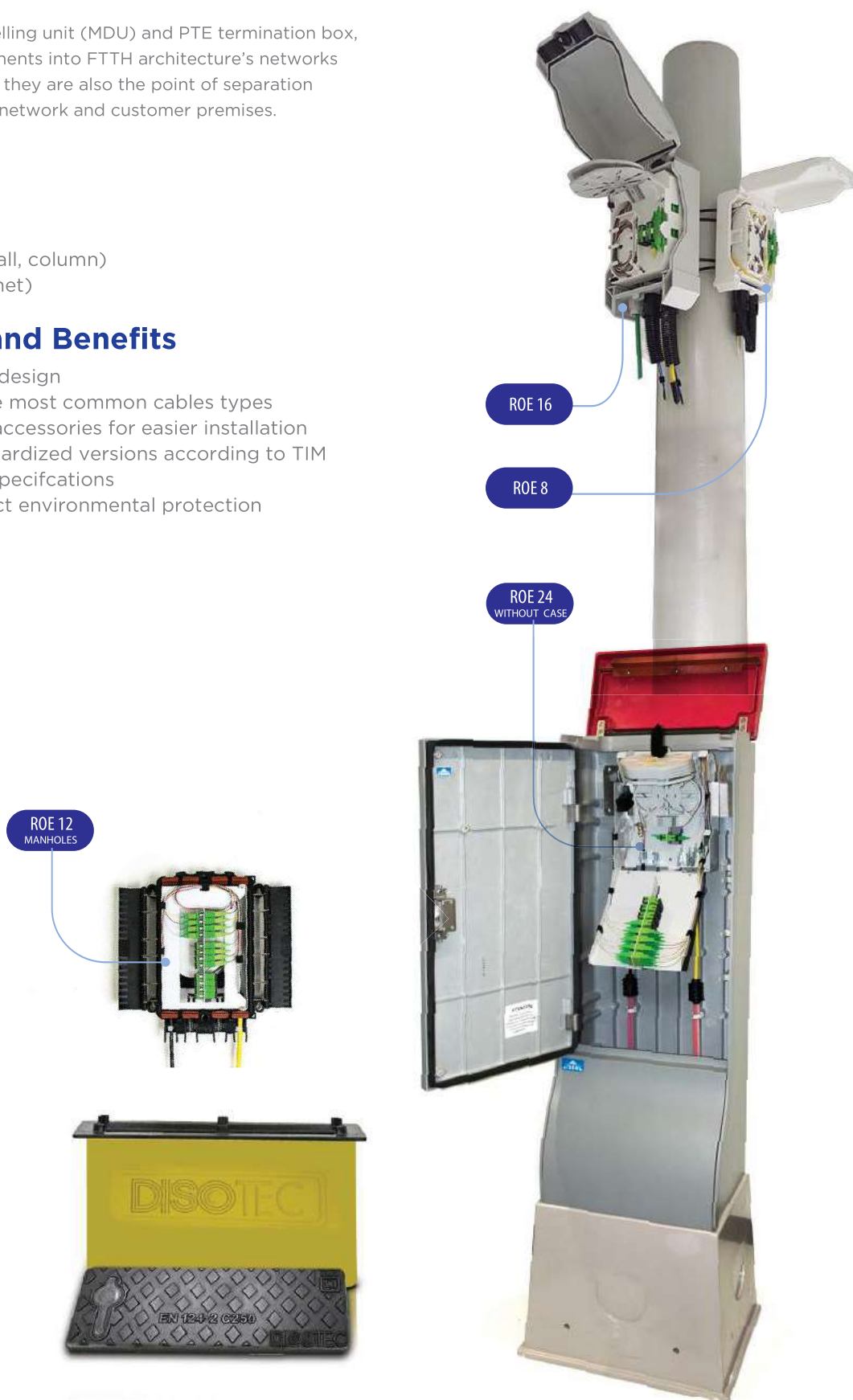
Optotec's ROE multi-dwelling unit (MDU) and PTE termination box, are indispensable components into FTTH architecture's networks for wiring inside building; they are also the point of separation between the distribution network and customer premises.

Application

- ◆ OUTDOOR (pole, wall, column)
- ◆ INDOOR (wall, cabinet)

Key Features and Benefits

- ◆ Small and compact design
- ◆ Compatible with the most common cables types
- ◆ Cable seal kits and accessories for easier installation
- ◆ Availability of Standardized versions according to TIM and Enel technical specifications
- ◆ Customized compact environmental protection



Boxes

ROE multi-dwelling unit (MDU) and PTE termination box

		PRODUCTS NAME													
TYPE		ROE	PTE	ROE	ROE	ROE	PTE	ROE	ROE	PTE	ROE	ROE	ROE	ROE	ROE
CUSTOMERS NUM.		4	8	8	12	12	16	16	16	24	24	24	32	32	48
CASE TYPE		/	NGB 0	NGB 0	BOX 1M	μ ODC	NGB 1	NGB 1	/	NGB 1	NGB 2	/	NGB 2	/	BOX MDB
SUITABLE FOR ENVIRONMENT	OUTDOOR	POLE		●	●	●		●	●		●	●		●	
		WALL		●	●	●		●	●		●	●		●	
		COLUM							●				●		●
		MANHOLES					●								
	INDOOR	WALL		●	●	●		●	●		●	●		●	●
		CABINET	●	●	●				●			●		●	

ROE 4 PATCH&SPLICE

		ROE 4
MAX. CAPACITY	SPLITTER	YES
	NETWORK	4
	USERS	8
MAX. DIMENSIONS IN mm	Width	100
	Hight	130
	Deept	50



ROE 4

ROE 4 is a product for indoor customer premises applications. The unit is equipped with SC adapters for both network and subscribers sides.