LUNA

PRODUCT ✚ BENEFITS

- ✚ **Compact boxes for a limited wall footprint**
- ✚ **E@sy'Secure quick and strong anchoring system on feeder cable / microduct**
- ✚ **Suitable for splicing, connecting and splitting applications**
- ✚ **IP55 rating**
- ✚ **Intuitive use**
- ✚ **Security lock**

PRESENTATION

LUNA are compact enclosures designed for optical connections, now featuring a sleek design, improved waterproofing, and enhanced user experience.

The refined design includes better sealing for dust and water resistance, ergonomic opening clips, a security lock, and easy cap removal.
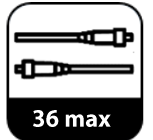
The enclosures still support splice trays, connectors, and splitters for various network applications and maintain a minimum bending radius of 30 mm for G652 and G657 fiber types.

Suitable for dusty areas, parking, cellars, façades, and poles with an IP/IK rating.

New Design!

IP55 | IK08
7 max
3 max

LUNA S

IP55 | IK07
36 max
14 max

LUNA M

objectif FIBRE

Fibre to the Home Council Europe

ARUFOG Fiber optic expertise since 1986

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afnor GROUPE

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ENCLOSURES SPECIFICATIONS

Features	Performance		Reference standard
	LUNA S	**LUNA M**	
Dimensions	270 x 180 x 60 mm	400 x 250 x 110 mm	-
IP rating	IP55		EN 60529
Impact	IK08	IK07	EN 61300-2-12 at -25°C
Material	PC compound		-
Flame resistance	V0		UL94
UV resistance	Compliant		EN ISO 4892 3: method B, cycle n°5 (350 h)
Compatible fiber type	G652D, G657A1, G657A2		Minimum curves of radius 30 mm
Anchoring method	E@sy'Secure system on feeder port Screw to fix the aramid yarns or FRP of the cables on output ports		-
Restriction of unauthorized access	Thread for coded M4x19 screw		-
Splice capacity	Up to 3 splice trays with 12 splice protectors each => max capacity 36 splices	Up to 14 splice trays with 12 splice protectors each => max capacity 168 splices	
Socket capacity	Up to 7 SC simplex or LC duplex sockets	Up to 36 SC simplex or LC duplex sockets	-
Splitter capacity	Up to 3 splitter bodies 60 x 7 x 4 mm (typically 1:4 or 1:8)	Up to 6 splitter bodies 60 x 7 x 4 mm (typically 1:4 or 1:8) Up to 2 splitter bodies 60 x 12 x 5 mm (typically 1:16) Up to 2 splitter bodies 80 x 20 x 6 mm (typically 1:32)	-

SPLICE TRAY SPECIFICATIONS

Features	Splice tray performance	Reference standard
Compatible splice protectors	• 12 ANT crimp splice protectors • 12 Heat shrink splice protectors ø2,3 to 2,6 mm, length 40 to 60 mm	-
Compatible fiber type	G652D, G657A1, G657A2	Minimum curves of radius 30 mm
Height of the splice tray	6 mm	-
Length of 250 µm fiber that can be stored	> 36 m	Storage of 2x12 pigtails of 1,50 m

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02/02/2024

DRAWING LUNA S

Dimensions : 270 x 180 x 60 mm

New Lock!

Pen

Document holder

Splice trays

Splitter holders and overlength storage located under the splice trays

Aramid screw for feeder cable fixation

Socket frame

E@sy'secure fixation system for microducts and cables

Parking positions for un-connected pigtails

Aramid screws for cable fixation

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02/02/2024

DRAWING LUNA M

New Lock!

Dimensions : 400 x 250 x 110 mm

Document holder

Pen

Splitter holders and overlength storage located under the splice trays

Splice trays

Parking positions for un-connected pigtails

Aramid and strength member screw for feeder cable fixation

Up to 3 frames (A, B, C) for 12 sockets each

E@sy'secure fixation system for microducts and cables

Aramid screws for cable fixation

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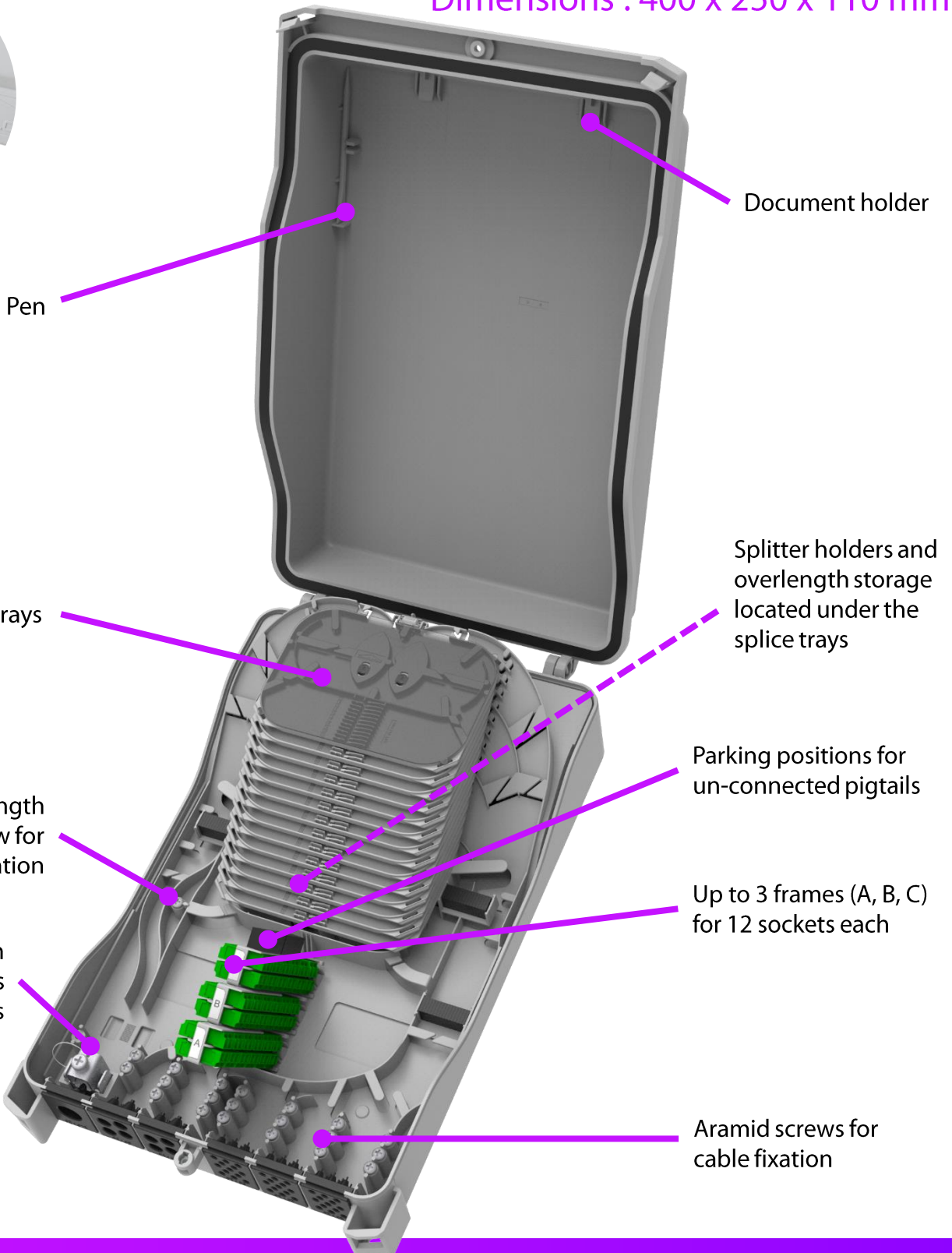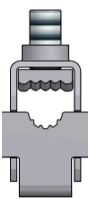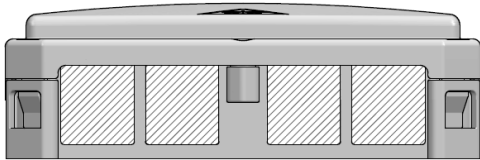
CABLE ENTRY PORTS

LUNA S
4 possible entry ports
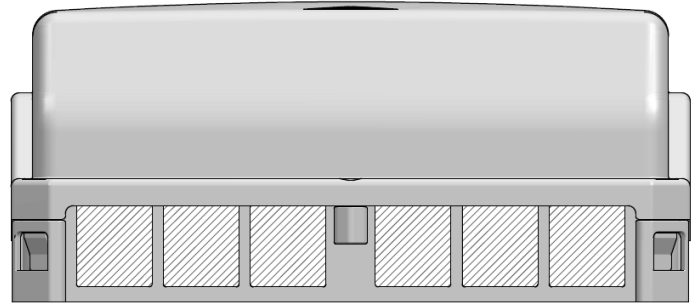
LUNA M
6 possible entry ports

SEALINGS

CABLE SEALS

SLIT SEAL FOR PATCHCORDS

1 x ø2-12 mm
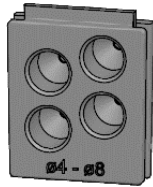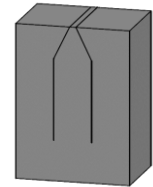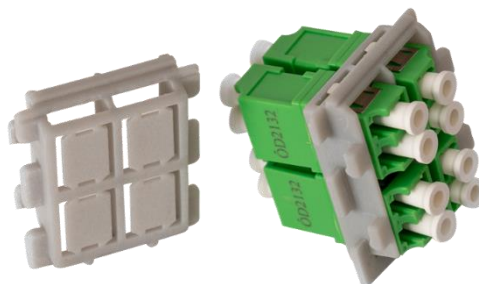
4 x ø4-8 mm

13 x ø2-3 mm

Slit seal for patchcords
12 x ø2-3 mm

EXTERNAL ADAPTER HOLDER

Can hold 4x SC SX or
LC DX adapters

ORDERING INFORMATION

Part number	Part name	Packaging
CO620	**LUNA S ENCLOSURE UNLOADED** *1 LUNA S ENCLOSURE* *1 adapter holder* *1 seal 1x 2-12* *1 transparent cover for universal splice tray* *1 pen*	**Unit box**
CO630	**LUNA M ENCLOSURE UNLOADED** *1 LUNA M ENCLOSURE* *1 adapter holder* *1 seal 1x 2-12* *1 transparent cover for universal splice tray* *1 pen*	**Unit box**
CO660	**LUNA IP55 SEALING PORT 1x 2-12 mm**	**Box of 50 pcs**
CO661	**LUNA IP55 SEALING PORT 4x 4-8 mm**	**Box of 50 pcs**
CO662	**LUNA IP55 SEALING PORT 13x 2-3 mm**	**Box of 50 pcs**
CO663	**LUNA IP54 PRE-SLIT SEALING PORT**	**Box of 50 pcs**
CO664	**LUNA HOLDER FOR 4 EXTERNAL ADAPTERS**	**Bag of 50 pcs**
CO681	**SPLICE TRAY 12 HS UNIVERSAL** *Without cover (one cover is delivered in the ENCLOSURE)*	**Box of 10 pcs**
CO680	**SPLICE TRAY 12 CRIMP UNIVERSAL** *Without cover (one cover is delivered in the ENCLOSURE)*	**Box of 10 pcs**
CO682	**COVER FOR UNIVERSAL SPLICE TRAY**	**Box of 10 pcs**
CO693	**ANTI-VANDAL SCREW FOR LUNA ENCLOSURES**	**Bag of 10 pcs**
CO664	**EXTERNAL ADATERS HOLDER**	**Box of 50 pcs**

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