

L9SP Pedestal


Developments at STL/Optotec

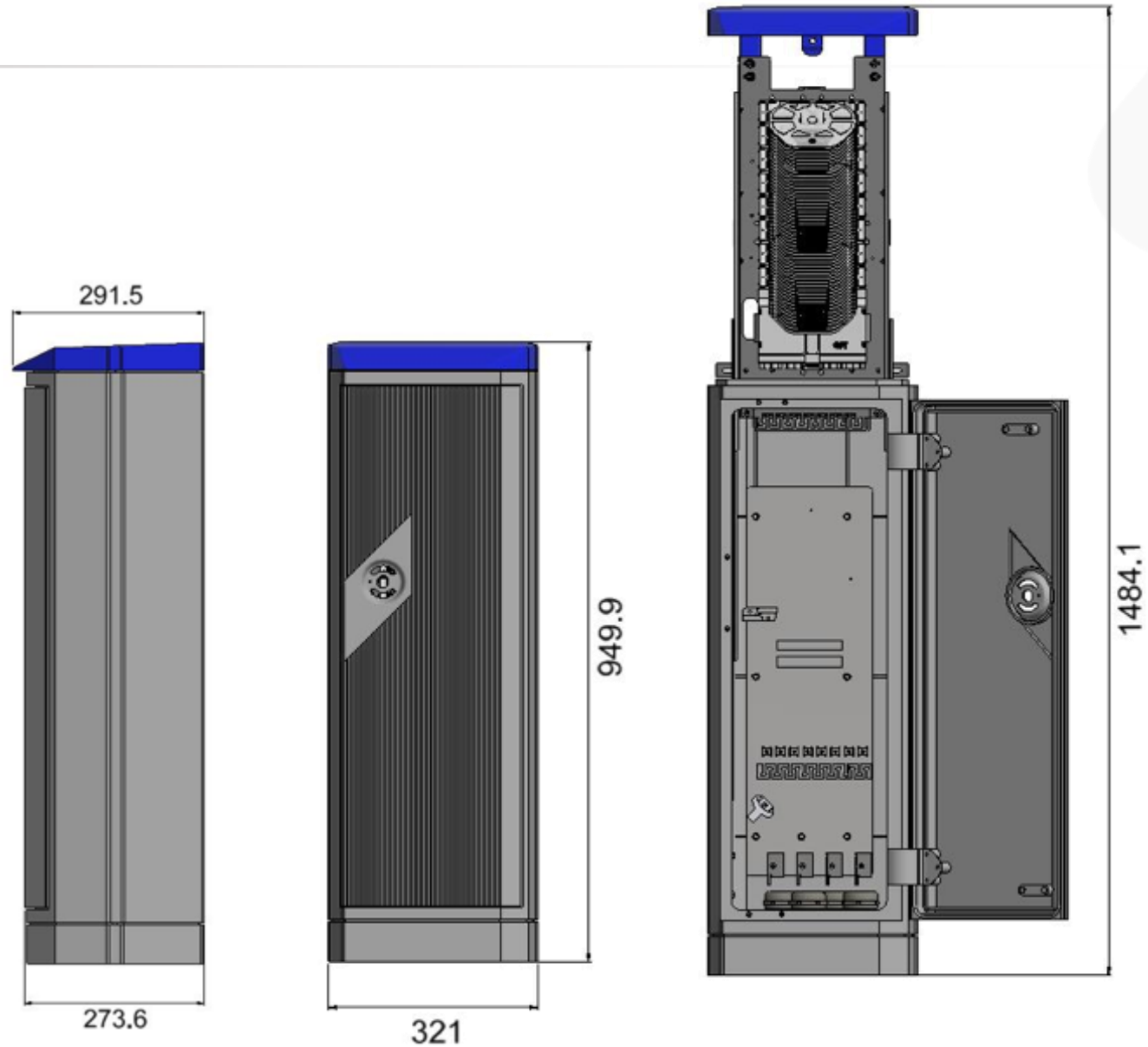
Matteo VILLANI



Main features

Optotec pn. 7300052
L9SP-2HD6-12H-1F-2D-S2-60-00

Reference spec. Infratel
INF-ING-ST-006-19 ver. 03 04.04.2020
Based on Optotec design 



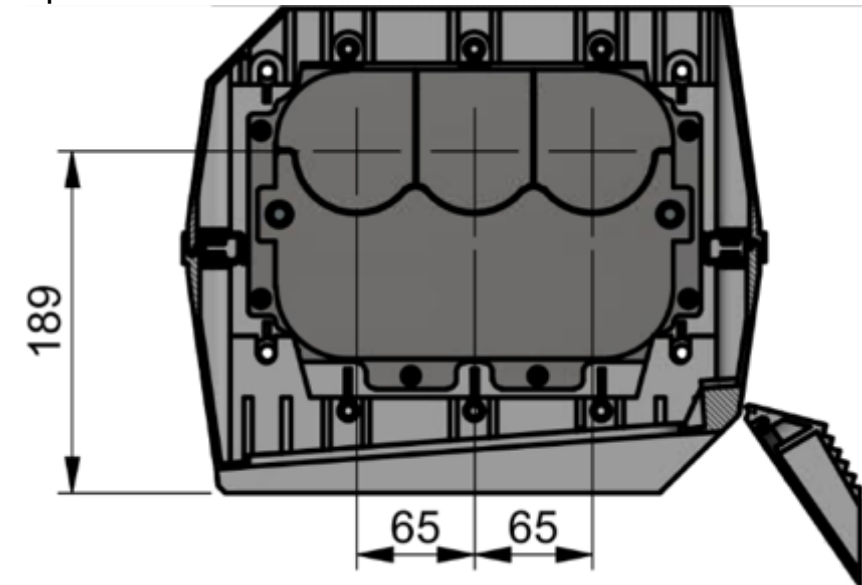
Main features



- Unsaturated thermal hardening resin external enclosure loaded with fiber glass for 25% (GRP). Compact size, simple elements (base, door, back panel). Front opening, telescopically elevating patch and splice panel.
- Internal parts (deep sheet, telescopic component) in stainless steel AISI 430 painted with polyester powder for exterior (resistance to atmospheric agents, UV rays, humidity, saline mist). External parts and metallic parts of bright grey color RAL7035 not subject to scratch. Roof of bright blue color RAL5012.
- The door is hinged on the right by means of two hinges with perimetral sealing and opening not less than 120°. The door facilitates the installation and maintenance operation and does not allow acts of tampering.
- The mechanism of roof lifting (at least 50cm) is made possible by an unblockable mechanism only with open front door. Another mechanism avoids the accidental closing during the field operation.
- The perimetral sealing of the frontal door is in synthetic rubber. The one for the protection of the roof is a bi-component material product (polyurethane/silicon) and applied for casting directly on the part, resistant to working temperature of $-40 \div +90^{\circ}\text{C}$.

Main features

- The fixing of the column takes place directly with cls casting in the ground without the use of a dedicated shaft.
- The input of the cables takes place in the lower part of the column. Three areas dedicated to the installation of corrugated tubes dia. 60mm have been planned. Areas for the fixing of possible microtubes have been planned, for those cables seized by their throw components. Possibility of management up to 3meters of the input network cable.
- The internal fruit is in agreement with the roof and elevating through system of sphere guidance placed at the sides.
- Ready for the earthing of the metalic components.
- DEGREE OF PROTECTION IP: 55
- DEGREE OF PROTECTION AGAINST COLLISION
The window supports collision with mass of 10kg depth 1.5m height 0.5m
The roof supports collision with mass of 1kg and height 1m

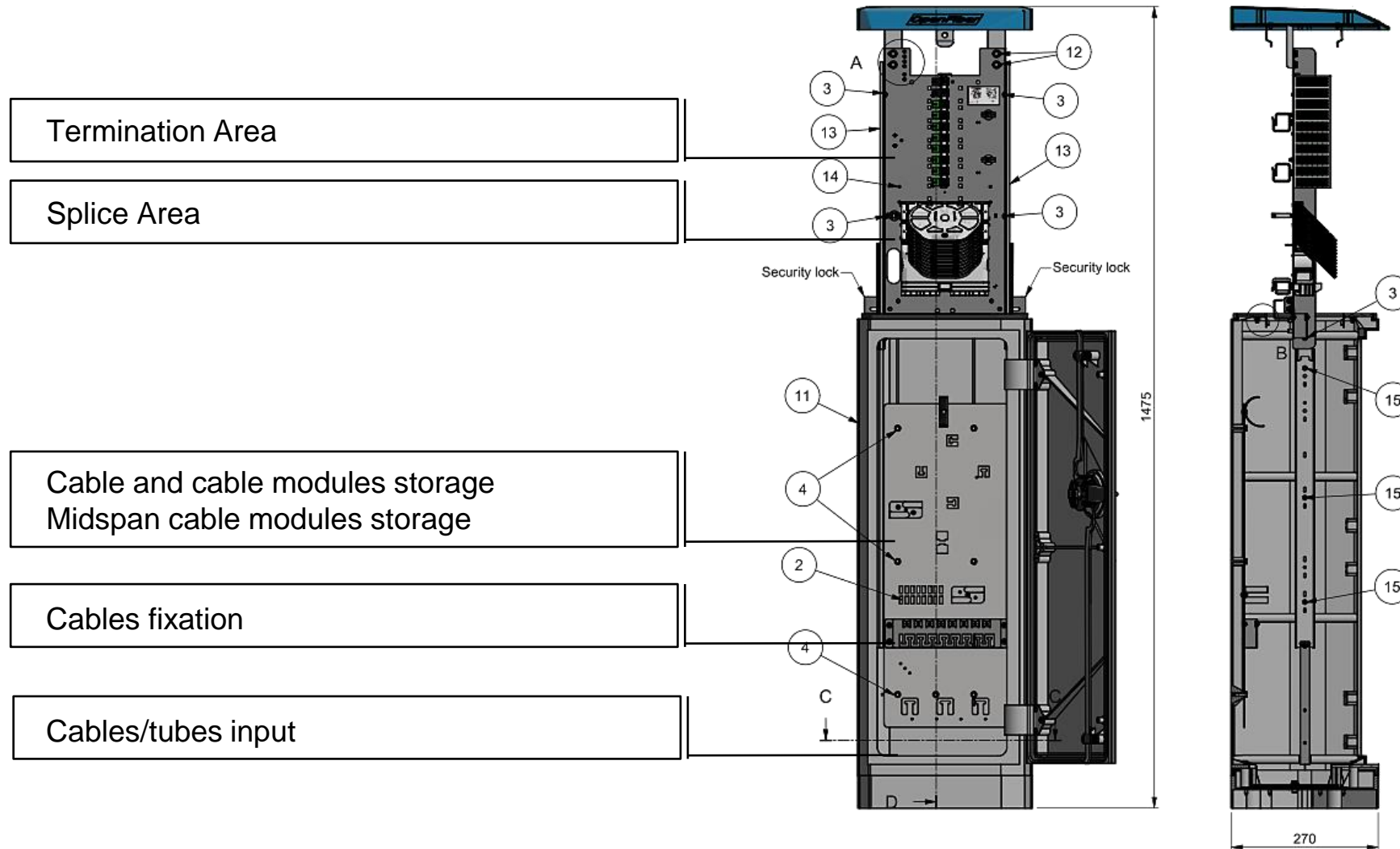


L9SP Splice Only version



Splice only version max capacity 8x WAPX
i.e. 8x (6x trays x 12fo) = 576 fo

L9SP Patch's'Splice version



L9SP P'n'S – Cable inputs

Termination secondary cables and fixing
Modules of the feeder cable

Extra-length management

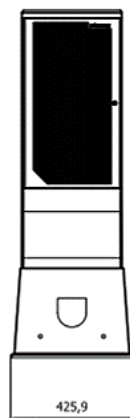
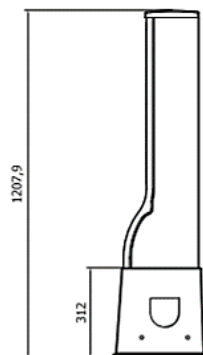
Cable fixing area



Starting kit

Optotec pn. 7300052

- External covering constituted of a container in plastic fiberglass reinforced with front access door, sealing and closing system
- Cables fixation and management area
- Splicing Area (12module 12fo)
- Cartoon package



Optional
Plastic Fiberglass reinforced ground fixation

