

PRODUCT INFO

MATERIAL CABINET	<i>External: Aluminium Internal: Aluminium</i>
MATERIAL POLE FIXING KIT	AISI 304 Stainless steel
BASEMENT ACCESSORY	Aluminium
CABLE ENTRY PROTECTION ACCESSORY	Aluminium
HEIGHT	1230mm (POLE conf.)
WIDTH	400mm (+30mm POLE fixing kit)
DEPTH	300mm
COLOR	Light Grey RAL 7035
PROTECTION	IP65 & IK10

PRODUCT DESCRIPTION

The New SCP Pole&Street cabinet is designed for distribution and connection of optical fiber. It is intended for outdoor installation on poles or on the ground (as stand-alone). The cabinet allows, on a multi-operator passive network (PON) that supports point-to-point and multi-point technologies, the optical connection, with the possibility of exchange, between the cables coming from a primary concentration element and the cables directed to the individual customer.

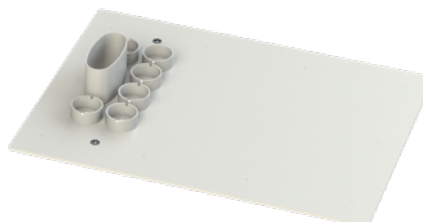
The cabinet has a primary and secondary termination area, consisting of a panel with 360 SC/APC ports (256 for secondary network, 72 for parking and 24 for primary network). This area allows to activate and quickly reconfigure the customers, being able to connect any output of the optical splitters with any of the fibers terminated on the other side by the customer. The cabinet is designed to accommodate up to 24 pcs of 1x16 BUTT type optical splitters with pre-connectorized SC/APC input and output.

The four main areas of the cabinet (cable entry, splicing, termination, and splitter) are designed to be completely independent one from the other. To do on-field operations on one of these areas, it is not necessary to operate on the others. Based on our cabinet experience, we designed the cabinet to avoid any movement of the elements inside. The only exception is the termination panel, that must be open only for extraordinary maintenance on pigtails. The cabinet is structured to guarantee the minimum bending radius of 30 mm for FO.

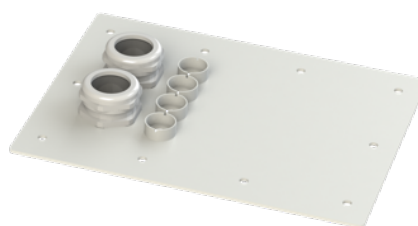
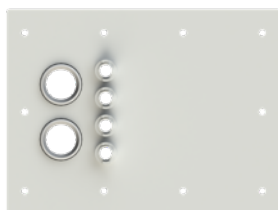
MAIN FEATURES

- **The cabinet can be installed in 4 different POLE configurations (for concrete or wooden pole)**, that depends on Pole position (left or right side of the cabinet) and cable entry (top or bottom). It is possible to change configuration in the field, without modifying the optical area. **The door is reversible left to right**, so its position can be decided on site.
- The cabinet can also be installed in a STREET configuration, using the optional Basement accessory.
- **Splicing Area:** this area is composed by different groups of splicing trays and is dedicated to the splice management. It is divided in:
 - Distribution GPON splices: 22 blue trays
 - Aggregation GPON splices: 4 grey trays
 - P2P splices: 8 red trays
 - Parking of unused fibers: 8 yellow trays

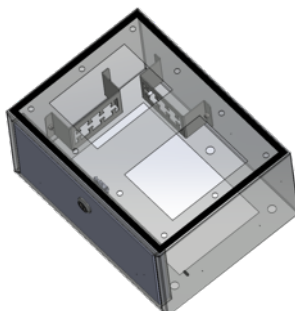
- **Termination Area:** this area is composed by a rotating panel equipped with 120 SC/APC duplex adapters, 72 SC parking adapter simplex and 48 SC/APC simplex adapters (total of 360 connections: 256 secondary network connections, 72 parking, 24 primary network connections).
- **Top Cable entry Area:** the cabinet top plate is reversible to have the entrances on the left side or right side. This plate is made for two types of cable glands:
 - a) 6 round entrances for ADSS cables with a diameter up to 16,5 mm
 - b) 1 oval entrance for ADSS cables with a diameter up to 16,5 mm



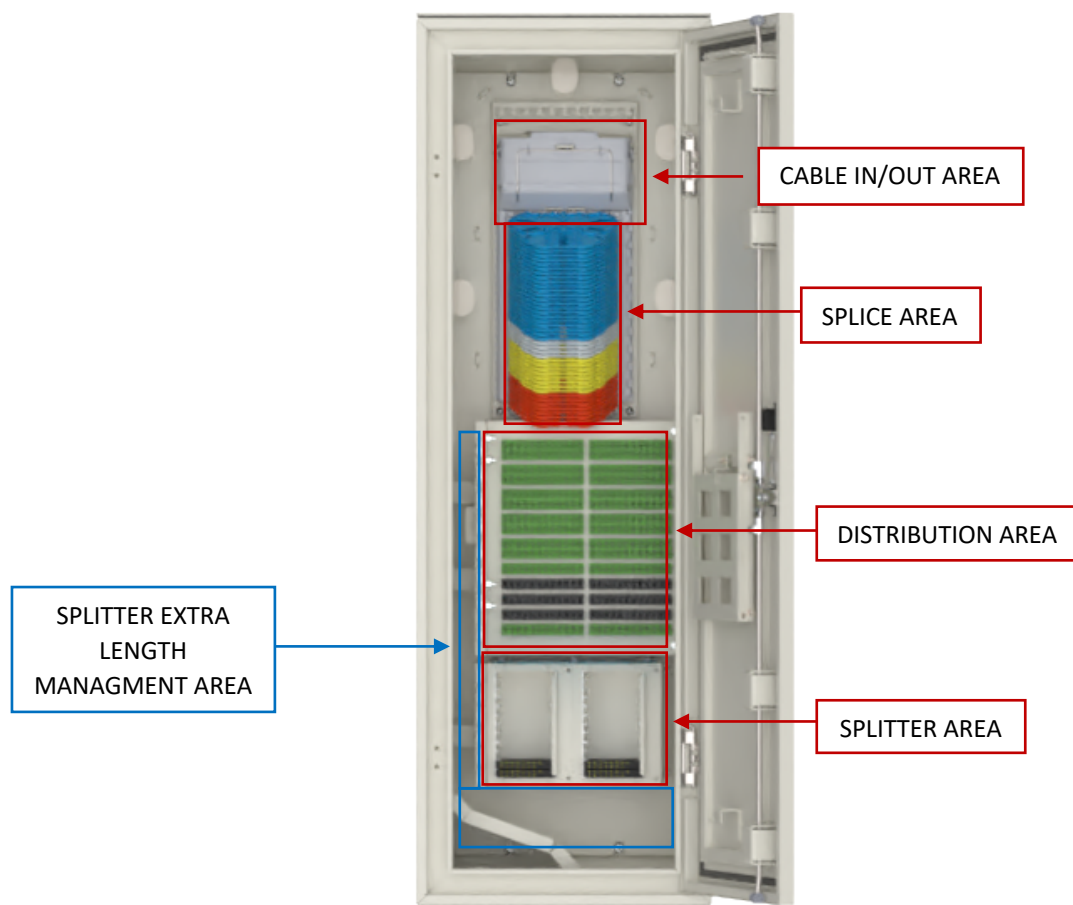
- **Bottom Cable entry Area:** the cabinet bottom plate is reversible to have the entrances on the left side or right side. This plate is made for two types of cable glands:
 - a) 4 round entrances for ADSS cables with a diameter up to 16,5 mm
 - b) 2 round entrances for a 24x4/7+1x10/14 mm bundle with a diameter up to 45 mm



- **Splitter Area:** the cabinet has a dedicated area to position the splitters. A maximum of 24pcs 1:16 Splitters BUTT type can be accommodated, arranged in two rows of 12 splitters each with a dedicated separation for each position.
- Locking system with resistance class RC2
- Perimeter seal of the front door and of the lower compartment (in case of street configuration) made of a two-component material (polyurethane/silicone) and applied by pouring, resistant to operating temperatures -40 ÷ +90 °C
- **The basement component is a** lower cable handling compartment in case of street configuration, height of 20cm, separated from the upper section and removable only from the front main door of the cabinet with a locking system. It has an isolation gasket, fixing positions for cables and microtubes that is possible to move on the right side or left side according to the cable entrance position. The basement has a front access, to fix cables or tubes, through a front door with a lock and key (same as the main door)



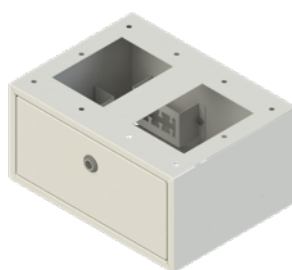
CABINET INTERNAL CONFIGURATION



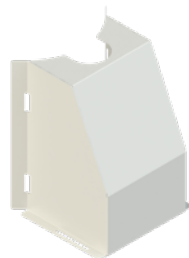
ORDERING INFORMATION



CODE: NEW-SCP-BODY



CODE: NEW-SCP-CBL-PROT



CODE: NEW-SCP-POLE-KIT



CODE: NEW-SCP-WOODEN-POLE-KIT

POSSIBLE CONFIGURATION OF THIS CABINET

**Street application with left door
and left bottom cable entrance**



**Street application with right door
and left bottom cable entrance**



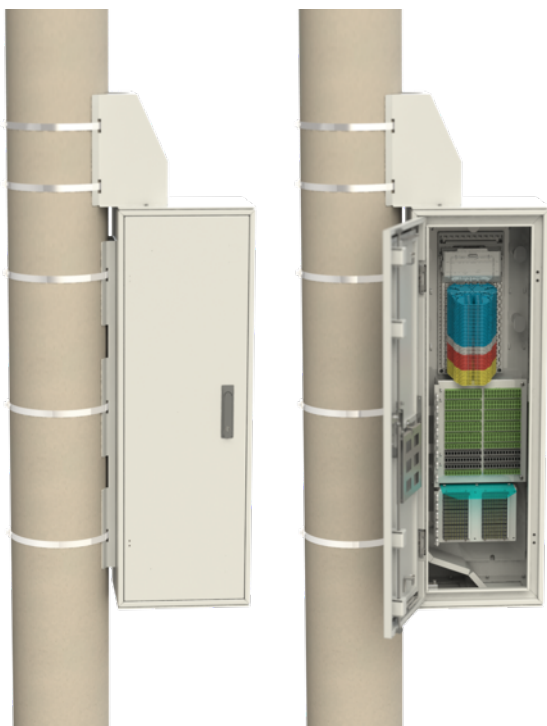
**Street application with left door
and right bottom cable entrance**



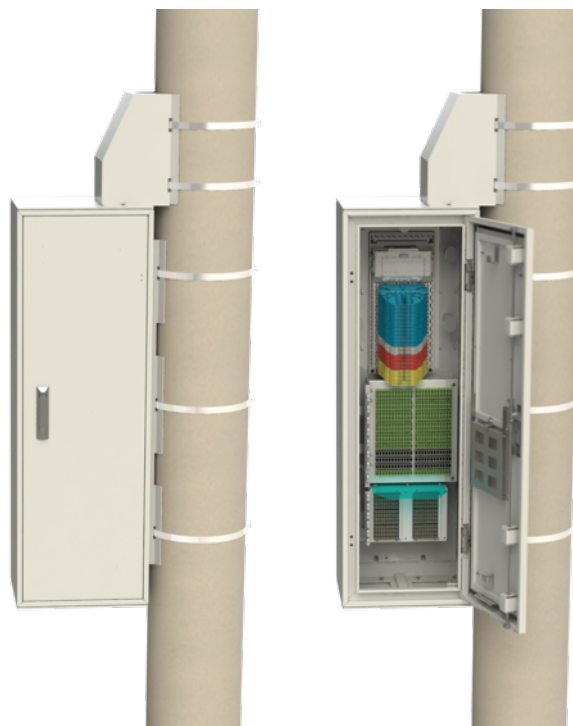
**Street application with right door
and right bottom cable entrance**



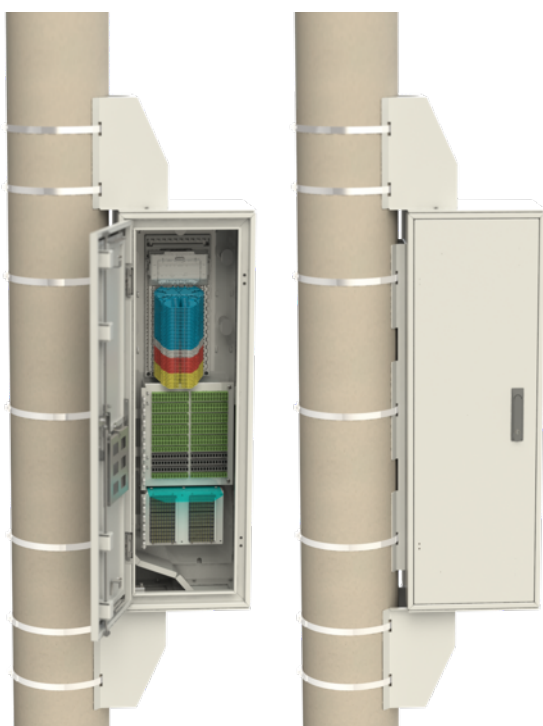
Concrete pole application with left door and left top cable entrance



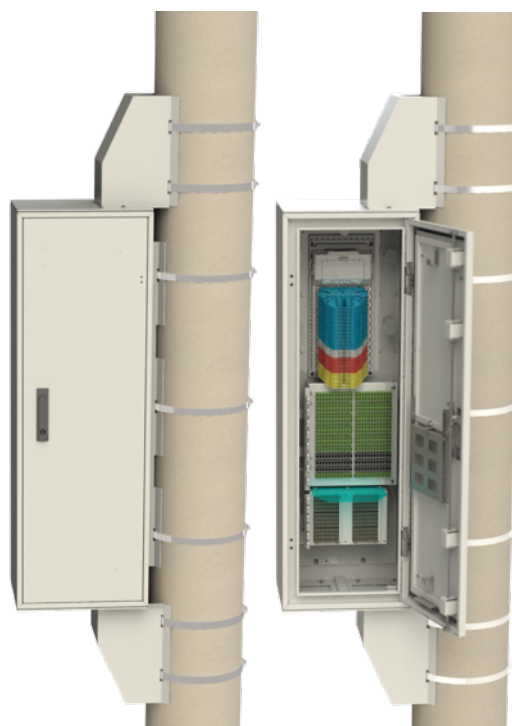
Concrete pole application with right door and right top cable entrance



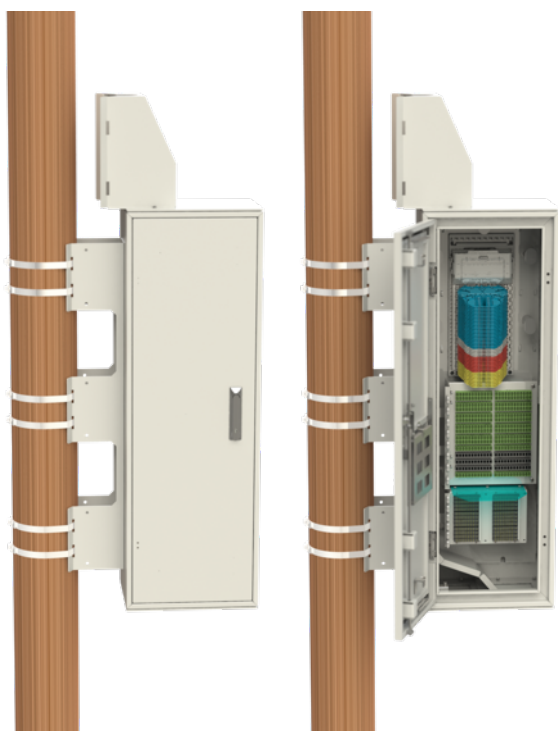
Concrete pole application with left door and left top+bottom cable entrance



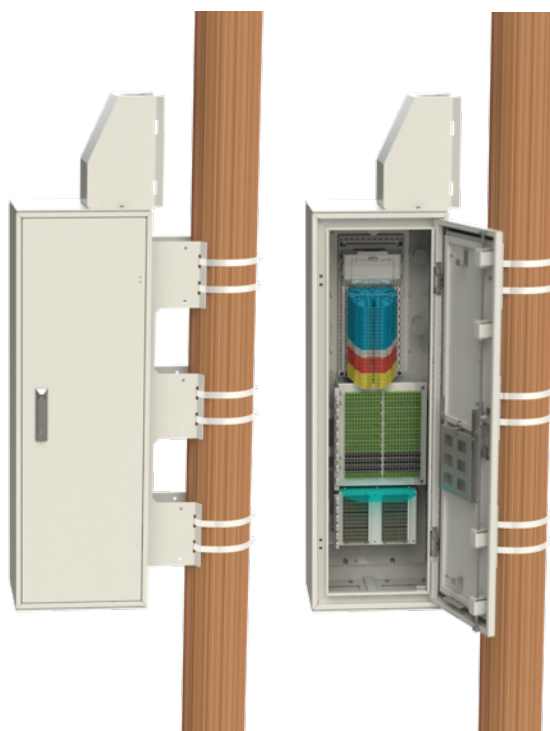
Concrete pole application with right door and right top+bottom cable entrance



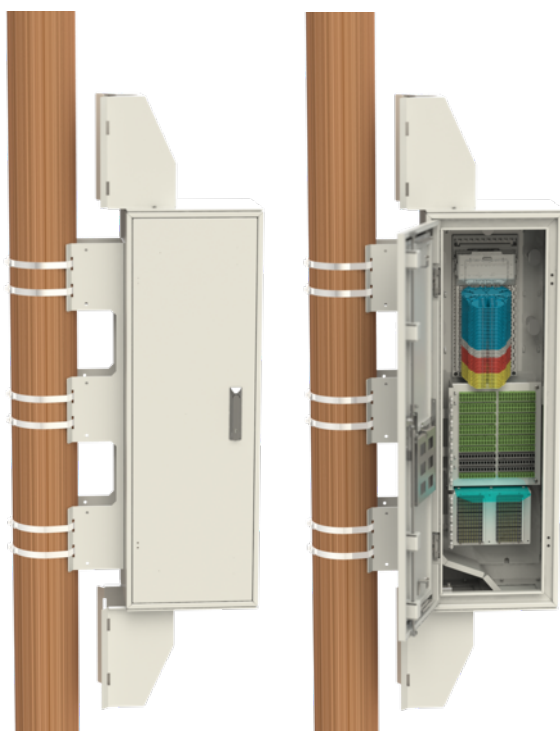
Wooden pole application with left door and left top cable entrance



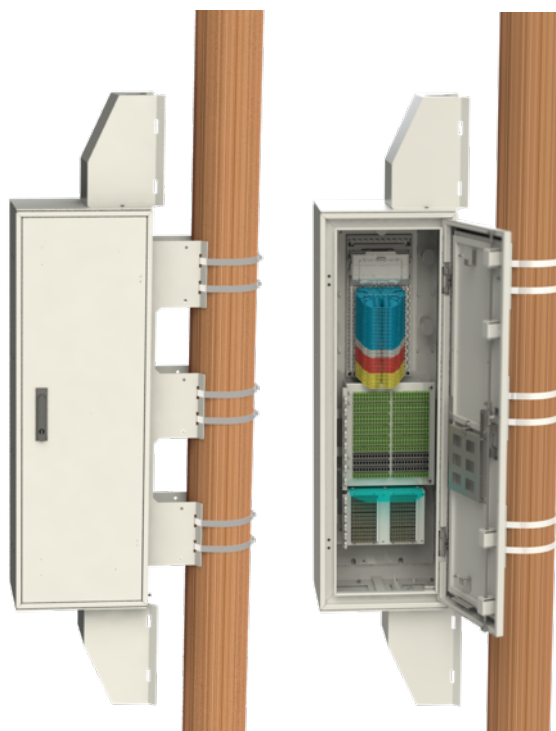
Wooden pole application with right door and right top cable entrance



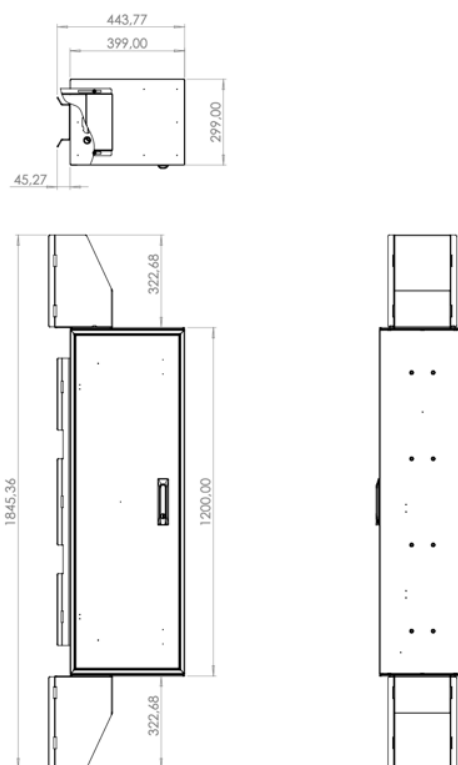
Wooden pole application with left door and left top+bottom cable entrance



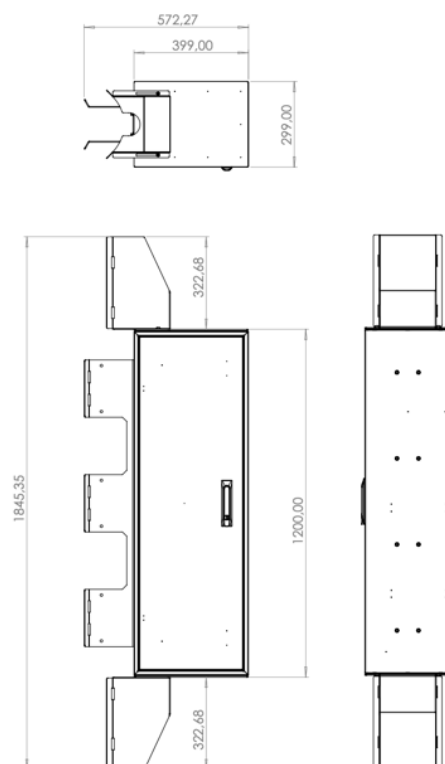
Wooden pole application with right door and right top+bottom cable entrance



TECHNICAL DRAWINGS – CONCRETE POLE Configuration



TECHNICAL DRAWINGS – WOODEN POLE Configuration



TECHNICAL DRAWINGS – STREET Configuration

