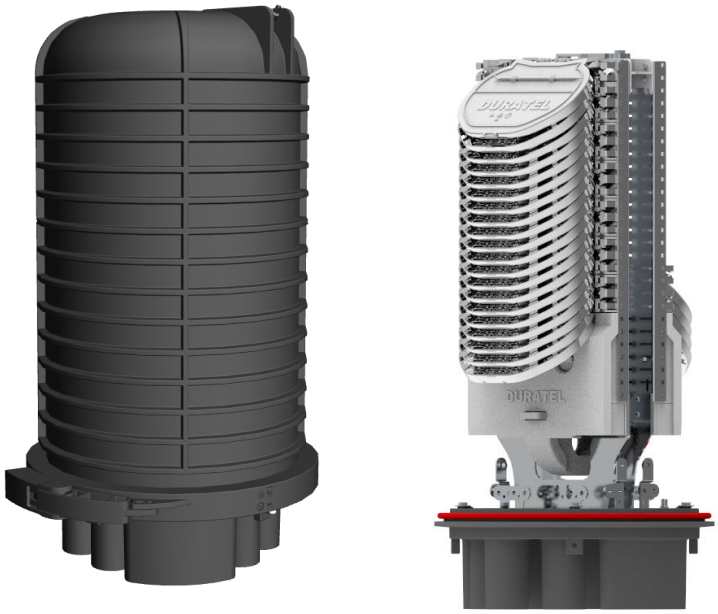
CODE: CLO-PCP-OF0769



PRODUCT DESCRIPTION

The Splice Closure PCP is designed for the extraction of a tube from the primary network incoming cable and for the junction of the internally present optical fibers to the entrances of the optical splitters 1:4.

The Splice Closure is equipped with appropriate N-type modules capable of managing two optical splitters (4x4x40mm size) and the junctions of 10 fibers with micro-smouv type heat-shrinkable sheaths (accepted micro-smouv size range: 30x0.5x1.3mm to 40x0.5x1.3mm).

The Splice Closure has IP 68-7 protection degree (no ingress of dust and protected against submersion up to 7 meters depth) and it can be installed inside concrete cavities (small chambers or manholes), inside control units and on poles, using the various fixing kits (to be ordered separately).

MAIN CHARACTERISTICS

- The base and dome are hermetically sealed by a clamp closure system with independent silicon gasket
- IP 68-7 protection degree (no ingress of dust and protected against submersion up to 7 meters depth)
- 8 x circular inlets/exits (each inlet can host 2 cables up to 10mm diameter or 4 cables up to 8mm) for cables to be joint and 2 x oval inlets for continuous cables

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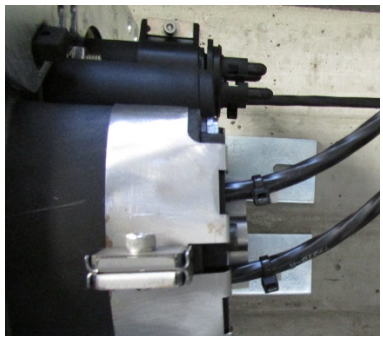
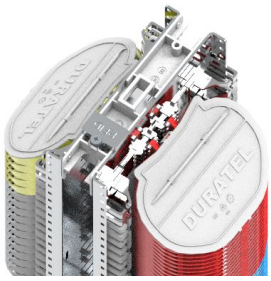
- The internal rack allows the modular mounting of blocks of junction modules
- 4 splitters 1:4
- RFID chip mounted on the plastic element which joins the right and left racks
- Compatible with most of the cables currently on the market (eg mini-tube cables, standard cable with central core)
- The continuous fibers can be dispersed in the zone between the two internal frames inside the cable tubes, and blocked by the two side bulkheads
- Kit for installation in manhole
- Kit for wall or pole mounting available (to be ordered separately)
- Availability of a kit for the attestation of standard cables (with heat-shrinkable sheath) and of mini-cables (with cold hermetic closure), to be ordered separately

Detail of the passage of the cables

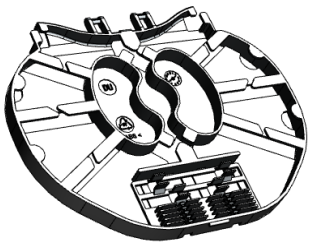


Detail of the entry of the drop minicable and loop of the minicable

Detail of the kit for wall or pole mounting



Detail of the RFID Tag placed on the top of the internal rack and readable when the dome is closed



Detail of a type N junction module for two splitters and 10 junctions
(protected by micro heat-shrinkable sheath)

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TECHNICAL CHARACTERISTICS

Material

- External body (base, dome and lid) in PP (PolyPropylene) glass filled 30%
- Internal parts in plastic PC + ABS
- Internal metallic parts in Aluminum and stainless steel
- External metallic parts in hot galvanized steel

Tests done on finish product

- Optical tests
- Tightness tests
- Wiring tests
- Mechanical tests
- Resistance to atmospheric and chemical agents
- Environmental tests (thermal cycles)

First supply configuration

- Splice Closure body with internal frame
- 51 x colored junction modules with numbering, with relative supports
- Kit for mounting in manhole
- Kit for cold sealing circular (OF0292)
- Kit for cold sealing oval (OF0300)
- RFID tag NFC standard (ISO-IEC 14443A)

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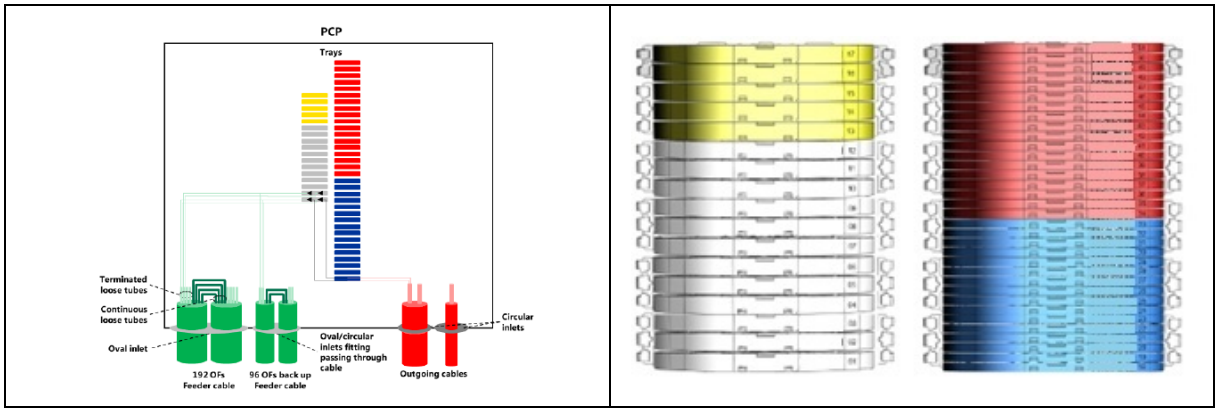
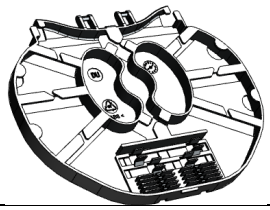
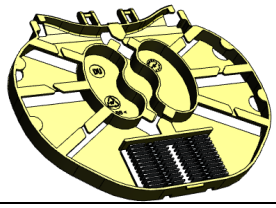
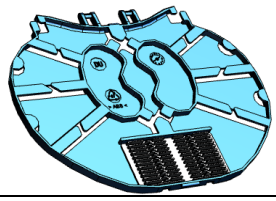
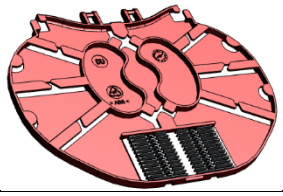
CHARACTERISTICS OF THE JUNCTION MODULES:

In application of the topology shown at the left, colored junction modules for an immediate visualization of the blocks of the system, with progressive numbering:



DESCRIPTION	REFERENCE	PCS	NO. AND TYPE OF JUNCTIONS
SE Splitter Module		12	2 x splitters + 10 x micro smouv
SE Module for parking the fibers of the incoming cable		5	24 x micro smouv
SF Module for parking the fibers of the exit cable		16	12 x micro smouv
SF junction Module for GPON extra circuits		18	12 x micro smouv

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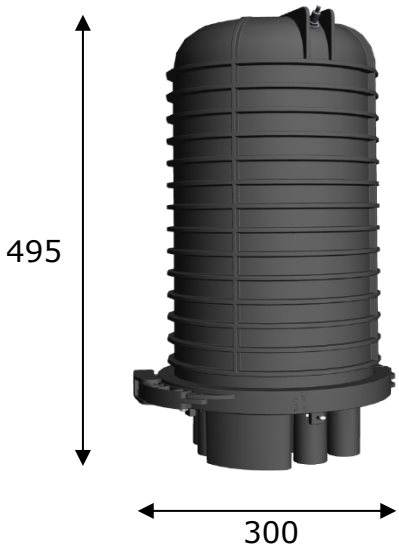
SIZE [MM]:



SPECIFICATION REFERENCE:

- PCP DRAFT - Technical Specification 05 - Closure (SC, PCP, Underground SDP) - v1.74

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