PREFORMED LINE PRODUCTS
APRESA-PLP Spain, S.A.U.
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APRESA

ISO 9001:2008
BUREAU VERITAS
Certification

INDOOR MODULAR DISTRIBUTION CABINETS FOR MULTI-DWELLING APPLICATIONS (ROMIE)

DESCRIPTION

The ROMIE cabinets represent a smart solution for easing the access between the operator network and the internal network at the multi dwelling.

They can be independently installed by different operators, starting from one secondary unit installed, part of the building, and a second unit, called primary, owned by one operator.

Units can be coupled each other, so that several operators can be connected to the inner building network, while having visible their own structure.

Cabinets have been designed to provide easy installation, to be craft-friendly and to have reduced visual impact.

PRIMARY AND SECONDARY MODULES

Primary and secondary modules are internally inter-connected.

The riser cable from the building enters in the secondary modules, while the primary module hosts the cable from the operator.

COMPARTMENTS

Every unit has two compartments or areas, one for hosting the splices in their splice trays and one for routing the patch cords from operator to customer.

Both compartments are separated by a bulkhead where SC-APC adaptors are located. The bulkhead are designed for up to 32 or up to 56 adaptors.

FLEXIBILITY

The ROMIE cabinets may featurea multi-operator tasks, what is possible once the primary module of Operator A is installed it will always be possible to install one more unit for this operator, or from other operators.

PROTECTION AND SAFETY

The ROMIE cabinets have been tested by ISQ to get the IP and IK protection degree.

The standard unit includes ¼ turn locking, being possible to supply with locking device in eacha rea.

INSTALLATION

The bulkhead is completely removable, easing the installation of the adapters.

Doors can be removed and the flip trays can also be removed.

For all the above, the ROMIE cabinets are easy to install and craft-friendly.

The ROMIE cabinets have been designed for FTTH networks GPON types.

When the first operator deploys the fiber in the building, it must install both primary and secondary units.

Concerning the secondary module, and to optimize it, it must calculate the number of homes / customers, conforming the building, which will be common for all the operators.

Choosing the type of module (32 or 56 adaptors) will be based on the number of customers to pass, assuming two fibers per home/customer.

The primary module will be installed below the secondary. Fibers from the feeder cable of the operator will be spliced at the primary module, being possible to include splitters, which would be placed in the splice trays.

From the connection compartment at the primary module will leave the patch cord SC-APC to the secondary module, to be connected tot he adapter corresponding to each home/customer.

In the future, if a new operator wants to offer fiber , it will have to install a module just below the existing primary one, being simply connected by a patch cords to the secondary.

In this way the ROMIE cabinet allows to progressively increase the access infrastructure of the building.

PRODUCT SPECIFICATION		
Maximum Capacity	32 Fibers	56 Fibers
Dimensions	323 x 72 x150 mm	323 x 105 x150 mm
Material	Plastic ABS LSZH	
Locking device	¼ turn locking, being possible a key lock.	
Cable entries	4 Single ports sealed through cable glands	
Dimensions of the cables	Up to Ø 13.5mm	
Patch cords exits	2 in the connection compartment	

LIST OF ACCESSORIES

- 12 Cable ties 100 x 2,5 mm
- 2 Cable ties 140 x 4 mm
- 4 Wall plugs and bolts for Wall mounting installation
- ·2 Cable-glands M20
- · 1 Roll of PVC tape
- · 24 or 48 Fusion Splice Protectors 40 mm long, including identification labels
- · 3 Strips of helical tape to protect the fibers 0.5 m long
- · 1 Laser Label
- · 1 Warning Label
- · 2 or 4 Splice trays, including cover
- · 1 Strength member / Kevlar™ bracket

MAIN REMARKS

- It is possible to install several units, depending on the typology.
- Independent comaprtments
- Cable access by side, top or bottom
- 30 mm bending radius guarantee
- Cabinets are supplied with kit of accessories to complete the installation.
- RAL 1015 Color, other colors possibleif required.
- They can be customised with customer's logo at the door (maximum size 30 x 30 mm)