Outdoor Termination Box – up to 168 Fusion Splices

The Outdoor Termination Box is a box for application in any type of optical network, being specifically designed for application in FTTH networks, offering mechanical protection for the fiber storage system for fusion splices, mechanical splices and even integration of passive components.

With the capacity to accommodate up to 168 splices via 7 units of 24FO splices, it can be installed on a pole or facade, making the connection between the secondary network and the client network, also allowing the connection of up to 24 subscribers.


General Specifications

Model	Specifications
Ports for main cables	2 x Ø25 mm
Ports for distribution cables	1 x Ø16 mm
Ports for drop cables	24
Max. number of splice trays	7 168FO
Splice tray capacity	24 FO
Installation	Wall or façade

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Technical Specifications

Material	ASA
Temperature Range	-40ºC to +70º C
Sealing material of cable ports	TPM Rubber
Total weight	1,4 Kg
Volume	8320 cm³
Finishing	RAL 7016 with smooth texture
Protection against mechanical impacts	IK07
Protection against solid objects and liquids	IP54

Dimensions

100mm

320mm

260mm
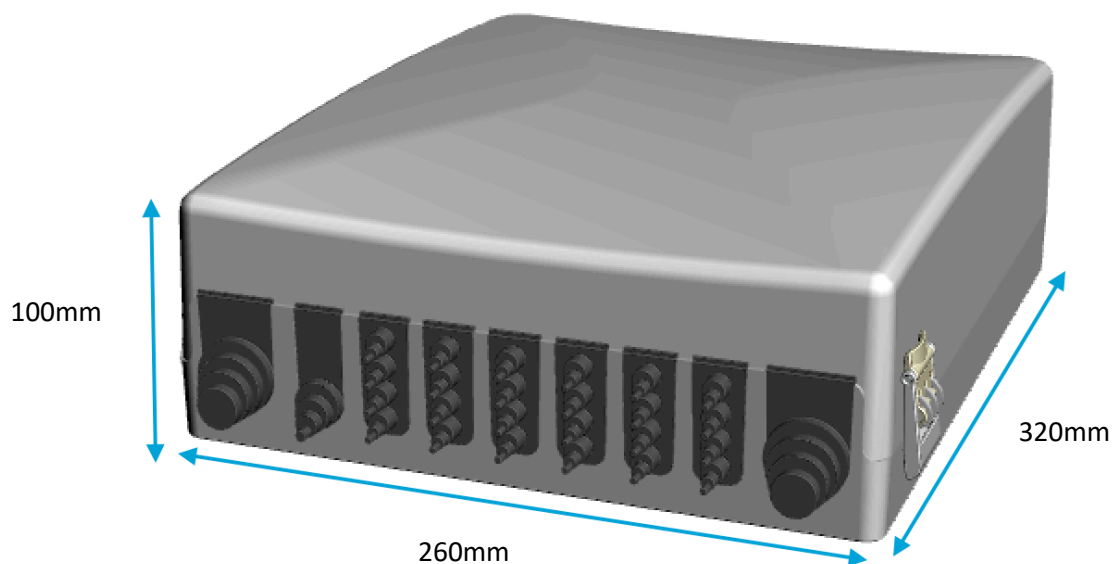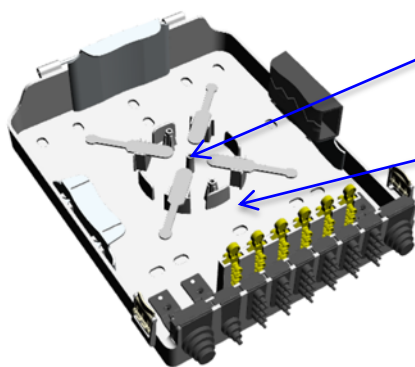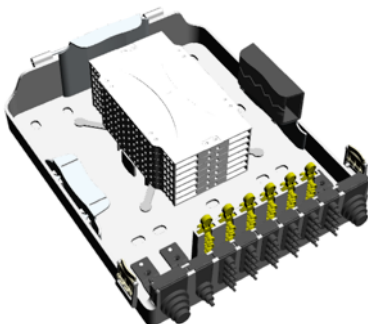
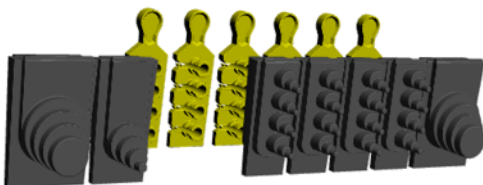## Details – 3D Images
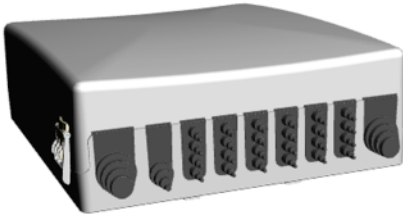
Main, distribution and drop cable ports

Internal Space – fibre reserve accomodation

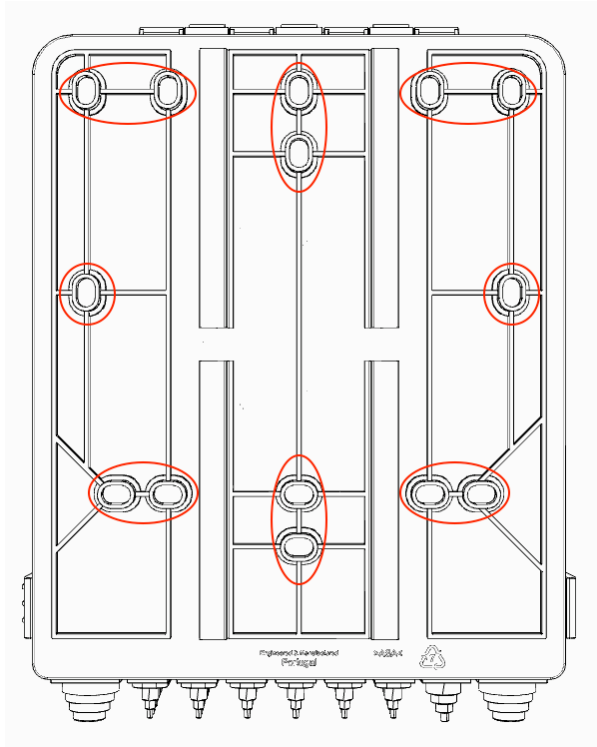External Space – fibre tubes slack

Internal view with 7 FO splice trays

Cable Port details

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Wall fixing points:

The rear of the Termination Box is prepared with several holes locations for a Wall fixing points.
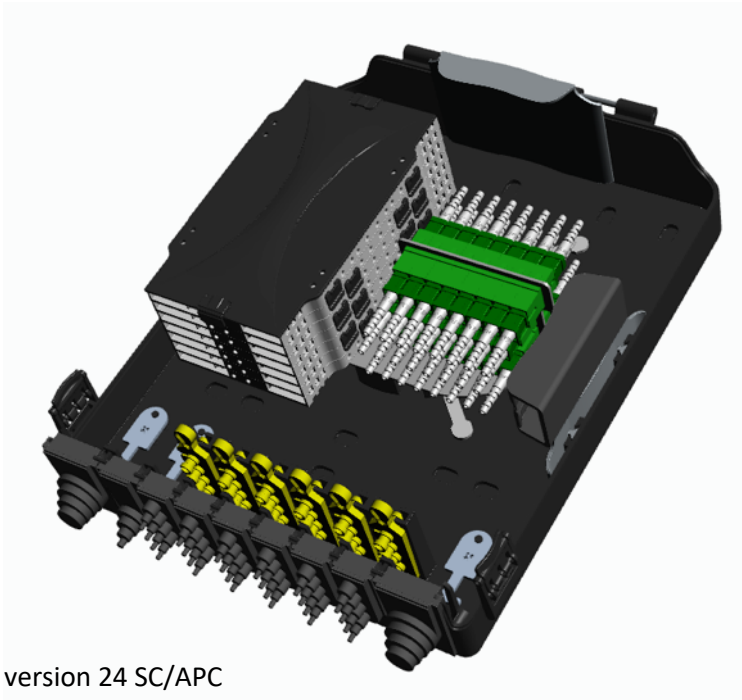Is recommended the use of screws and bushing 4x6mm in opposite sides.

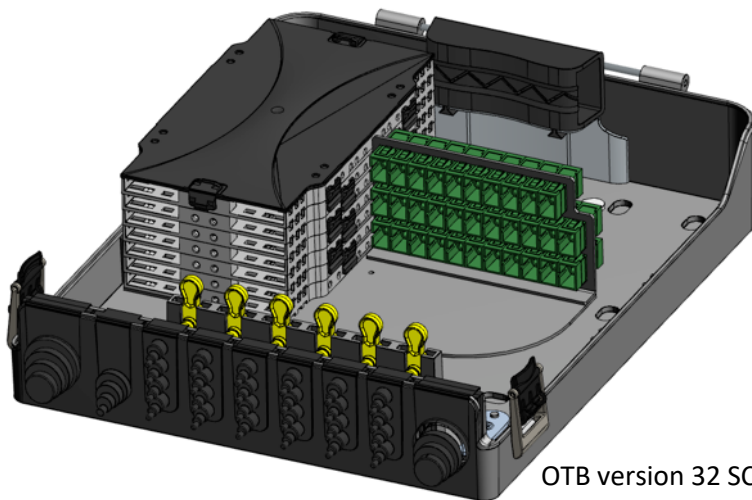If needed is possible to supply as additional accessory.

OTB with SC/APC adapter plate:

I tis possible to prepare the PTB with a adapter plate with the customer requirement configuration. The splice trays are installed on the left side and the maximum splices are guaranteed as for 168FO.

OTB version 24 SC/APC

OTB version 32 SC/APC

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Included Accessories:

- Base with cover
- 3 Metallic fixings for main/distribution cables including metal clamps
- 2 Rubber ports for main cables up to Ø25 mm
- 1 Rubber port for distribution cables up to Ø16 mm
- 6 Rubber ports for drop cables up to Ø7 mm
- Set of internal accessories for fibre optics organization
- Side lock system
- Cardboard box

Additional Accessories:

<u>Fusion Splice Trays</u>

- High resistance ABS plastic;
- White or other color tray with a maximum capacity of 24 optical splices;
- Black tray specially designed for the accomodation of PLC splitters and 12 FO splices;
- Fully stackable solution through easy-opening hinges;
- Modern design cover with label possibility for identification;

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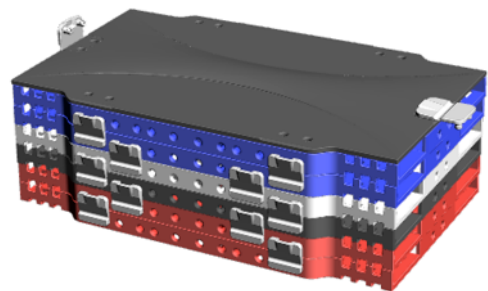
Removable Stainless Steel support for pole installation:

Support constructed to be installed on either wooden or concrete poles. Possibility of installation on wall.

Strong structure in stainless steel.

Weight: 0.6 Kg

Includes 4 units ofM4 stainless steel screws
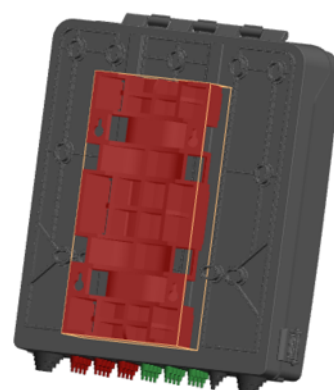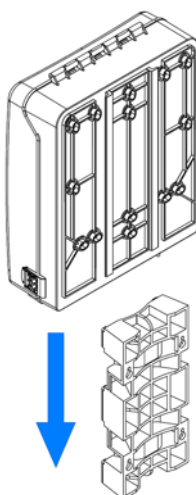
Does not include stainless steel clamp

Suporte Amovível em plástico ASA ultra UV para instalação em Poste:

Suporte construído de forma a ser instalado em poste quer de madeira ou betão. Possibilidade ainda de instalação em parede.

Estrutura forte em plástico ASA ultra UV

Peso: 0,275 Kg

Part Number C3T 1000080000029

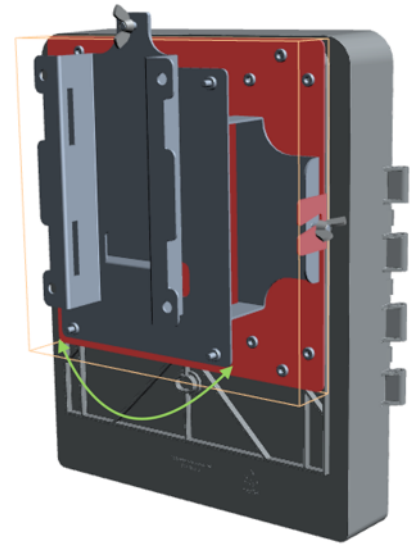## Swinging Stainless Steel support for pole installation:

Support constructed to be installed on either wooden or concrete poles. Possibility of installation on wall.

Allows frame rotation to 90 °

Possibility to rotate left or right.

Strong structure in stainless steel.

Weight: 1.43 kg

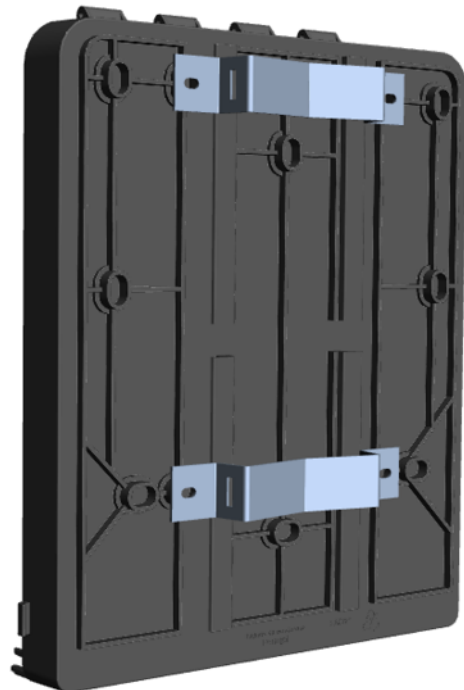## Economic Fixed Stainless Steel support for pole installation:

Support constructed to be installed on either wooden or concrete poles. Possibility of installation on wall.

Strong structure in stainless steel.

Weight: 0.1 Kg

Includes 4 units ofM4 stainless steel screws

Include stainless steel clamp Ø 216mm

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