

### Multi-purpose junction closure

- Connection of any type of low voltage copper network
- Robust and proven design (protection IK10)
- Mechanical and reversible sealing system with pressurizable box
- 2 sizes with 2 & 4 ports and large range of silicon grommets

#### | Application

WTC CU junction boxes are designed for the protection of splices of a buried, underground or aerial copper cable for any configuration of low voltage network (max 48V).

The primary function of the closure is to protect these copper splices from the environment and intrusion. Storage is simple and efficient, it allows re-intervention and easy identification of these splices.

WTC CU 1.5



#### | Description

WTC CU junction boxes consist of a body equipped with a clamping plate to which a cover is fixed by screwing.

##### Sealing system:

- Fully mechanical and reversible, it allows easy installation and re-intervention for maintenance.
  - Sealing between body and cover is ensured by an O-ring also removable.
  - The cable entries are sealed by mechanical compression of a silicone grommet.
- (No adhesive tape, no glue, or other preparation of cables required).

##### Cabling configuration:

- 2 (0.5 type) or 4 ports (1.5 type) allow all cabling configuration straight or Y.

##### Management of pairs:

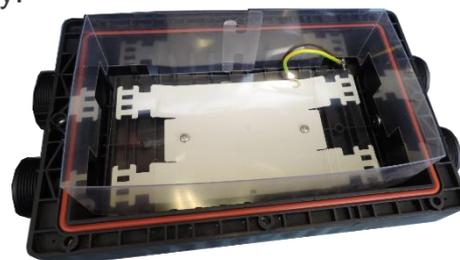
- The copper splices are installed inside a transparent plastic protection allowing optimal maintenance and handling.

##### Grounding:

- Electrical continuity between all the conductive elements of the cables is ensured by the clamping plate connected to an external earth connection.

##### Cable clamping :

- The clamping is made by collars (not provided) inside the box at each cable entry:

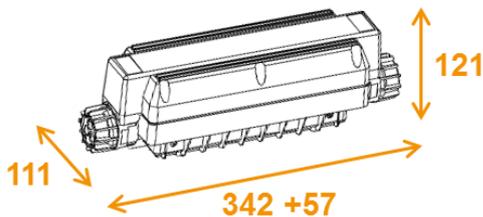


## Specifications

Materials	
Plastics (body, cover, nut, presser, plug)	PPE + PA color black
Metal (clamping plate)	Painted steel
Grommets	Silicon
Protection	
Sealing IP	IP68 (up to 750 mBar for selaing control)
Shocks resistance IK	IK10 (20 joules)
Environment	
ROHS et REACH	Compliant

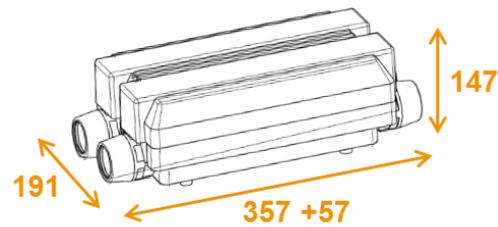
## Sizes

**WTC 0.5** (capacity about 100 splices)



\* +57mm with nuts installed

**WTC 1.5** (capacity about 500 splices)



## Available designs

**WTC CU without plug and sealing**

	Designation	SAP code	Pack.
	WTC CU 0.5 with 2 ports without plug and sealing	10252066	1
	WTC CU 1.5 with 4 ports without plug and sealing	10252500	1

## Sealing and plug

	Designation	SAP code	Pack.
	Kit plug for 1 port	10075259	1
	Kit sealing 1 port for 1 cable Ø19 à 25mm	10075357	1
	Kit sealing 1 port for 1 cable Ø13 à 19mm	10075097	1
	Kit sealing 1 port for 2 cables Ø12 à 15mm	10083080	1
	Kit sealing 1 port for 2 cables Ø8 à 13mm	10075098	1
	Kit sealing 1 port for 3 cables Ø10 à 12mm	10075711	1

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WTC CU-001-GB