

1300010059

GPON OUTDOOR CABINET 3000V2 CW

Description and Applications

This cabinet was designed to accommodate telecommunications equipment in outdoor locations and optimized for OLT2T0. This cabinet is suited for service deliver in low density areas.

Even being small in its size, this cabinet provides robustness, security and flexibility.

It is resistant to damage from both the environment and vandalism and provides protection against insect and rodent attacks and other similar threats.

This flexible cabinet can be installed on the wall, pole or even floor mounted, depending on the specific requirement.

This unit includes all power requirements for active equipment like AC/DC converter and batteries, also equipped with a control unit that allows for remote or local control and monitoring off the cabinet.



Technical Features

General

- Designed for one OLT2T0 equipment;
- Thermal and electrical efficiency;
- Heat Exchange climate control;
- Modular design;
- Hard body double walls;
- Open door locking system;
- Door locking by 3 points
- IP55 protection level;
- 2 Sub-Rack for splitting and splicing of optical fiber terminations;
- Pole, wall installation and floor installation possibilities;
- Working temperature between -40F to 131F(-40°C to 55°C).

Electrical

- AC/DC Converter up to 900W and equipped with 3 modules of 300W each. One for redundancy;
- AC frames with: 1x40, 1x16A and 1x10A bipolar circuit breakers and 2x surge protection;
- DC connections on the dedicated AC/DC converter distribution module with 2x7.5A and 2x5A fuses and 1x20A circuit breaker;
- Prepared for 4 Batteries of 12V / 22Ah (not included);
- Approximately runtime of 3h@122F(50°C) and 6h@68F(20°C).

Control Unit

- Climate control system and monitoring with temperature sensors and dry contact(cabinet alarms);
- Possibility to communicate with the other equipment installed inside the cabinet (AC/DC converter, OLT, ...);
- Possibility to integrated with the management system (**AGORA**) with access to local and remote-control units;
- Wide operating temperature range -40F to 167F (-40°C to +75°C);
- Front display and keyboard for local operation;
- Multiple user profiles (user, administrator, ...);
- Web interface for local consult of information with higher detail and configuration possibility;
- Fan test mode, fan failure and high temperature alarms.

Physical

Max equipment capacity	19"/ 9RU / 12.6in (320mm) equipment depth
Size (H x W x D)	31,5x19,7x15,7in (800x500x400mm)
Weight	≈110lb (50Kg)
Material	Alu
Color	RAL 7035

Included items

- 1 Outdoor Cabinet with heat exchanger
- 1 AC/DC Converter 900W (3x300W)
- 1 URT7-ARM control unit
- 2 Power cabling for OLT2T0
- 1 Alarms cabling for OLT2T0 from URT7-ARM
- 2 Cable breakouts
- 1 Sub-rack 19" 1RU with 6 splicing modules for 72 fiber terminations
- 1 Sub-rack 19" 1RU for 4xSplitting/MM/CEx modules (modules not included) with two splicing modules for 24 fiber terminations (uplink)