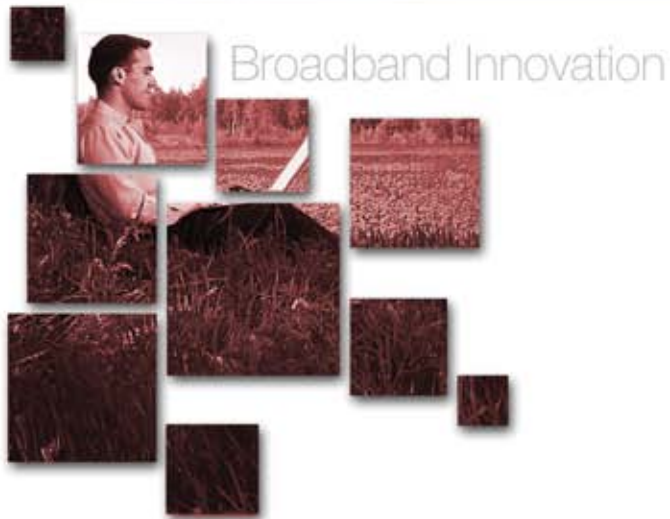




CTDI Products: End-to-End Solutions



## EPON and RFoG Enclosures



CTDI offers a full line of mounting enclosures for EPON Optical Network Terminals (ONTs) and RF over Glass Optical Networking Units (RFoG ONUs). Both interior and exterior enclosures are available, each optimized to allow quick, reliable installations for FTTH products.

Whether you provide only RF video or complete triple-play voice, video, and data services, CTDI's modular mounting approach gives you an enclosure customized with the electronics, power, and battery backup solutions you need.

**CTDI Delivers the Ultimate in Deployment Flexibility**

# OSPE202 – All-in-One Enclosure



## All-in-One Enclosure

The CTDI OSPE202 next-generation premium enclosure integrates UPS, video, telephone, and data services in a single unit. Ideally suited for home and small business installations, the All-in-One houses both CTDI ONT and MicroNode products along with power and battery backup solutions. This rugged weather-tight enclosure is surface or semi-flush mounted on interior or exterior walls. A modular architecture supports custom configurations, ensuring the right option packages for any application.

## Specifications

### Enclosure Features

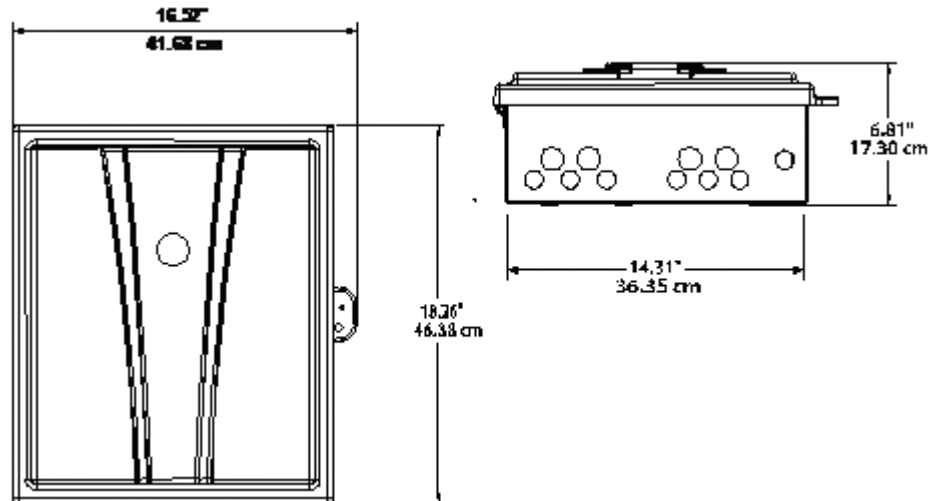
- Integrated UPS, video, telephone, and data services in a single enclosure
- Outdoor or indoor environments
- High-impact plastic door – removable and paintable
- UV resistant
- Aluminum construction with multiple knockout entry points
- No fans or venting required
- Intrusion sensor
- Compatible with conduit cable routing
- Integrated strain relief for cable management
- Flat-surface mounting
- Snap-in ONT/ONU mounting
- Cable and fiber management with slack storage and splice support
- Removable door for 180-degree access
- Padlock or security seal
- Internal back plate for cable/fiber management and grounding
- Internal security door/NID features with separate locking mechanism and subscriber access to premises connections
- Simultaneous mounting of both ONT and MicroNode devices
- Supports Corning Optifit even with semi-flush mounting

### Ordering information

Part #	Description
OSPE202	All-in-One enclosure Includes 2 ONU ball mount studs 16 Tie wraps 1 Fiber splice clip 4 Fiber management clips 3 Wall spacers (for irregular walls) 3 mounting washers & gaskets

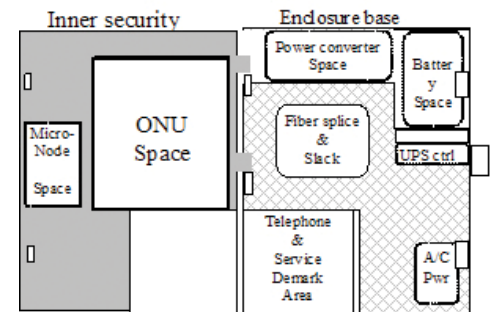
### Optional Equipment

Part #	Description
SPT0001	Special tool to open enclosures
AAX3012DHC120	120VAC power converter
AAX12D72AH	12VDC UPS module
BAT1002	12VDC, 7.2AH battery
PSB1009	12VDC, 30W temperature-hardened UPS – international version
PSB1010	12VDC, 30W temperature-hardened UPS for OSPE202
PWRPLUG1	AC power plug kit for OSPE202



### CTDI Compatibility

- 30W UPS (US and international versions)
- High temperature battery
- AC receptacle (US and international versions)



# OSPE110/120/121 – Enhanced Enclosure



## Enhanced Enclosure with NID

The CTDI OSPE110, OSPE120 and OSPE121 products are low-cost, wall-mount enclosures used for secure outdoor mounting applications on homes and businesses requiring a rugged, weather-tight package. The OSPE110 includes an internal swing-out door for mounting electronics along with a back plate for cable/fiber management and grounding. The OSPE120 and 121 add:

- Back plate for cable/fiber management and grounding
- Internal hinged door securing internal electronics and fiber optic cabling while allowing access to premises wiring connections

The OSPE121 model includes bracketing for Corning Optifit® equipment.

## Specifications

### Enclosure Features

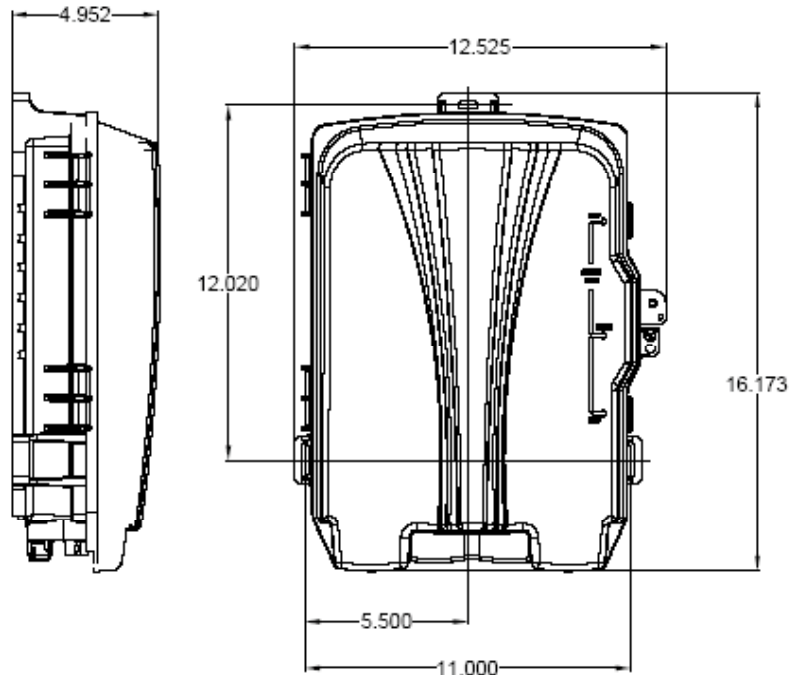
- Outdoor or indoor environments
- High impact plastic construction
- UV resistant
- Intrusion sensor
- Five (5) watertight cable entry points with strain relief
- Cable port flange with fiber ties included
- Compatible with conduit cable routing
- Integrated strain relief for cable management
- Flat-surface mounting
- Snap-in ONT mounting
- Cable and fiber management
- Removable door for 180-degree access
- Padlock or security seal
- Internal hinged door with separate locking mechanism for mounting both ONT (front) and MicroNode (back) devices
- Internal back plate for cable/fiber management and grounding

### Ordering information

Part #	Description
OSPE110	Enhanced enclosure with backplate and internal hinged door Includes 1ea Fiber clip with adhesive pad 3ea Wire saddles with adhesive tape 2ea Ball mount studs (for snap-in ONT mounting)
OSPE120	Enhanced enclosure with internal security door and back panel bracke Includes 1ea Fiber clip with adhesive pad 3ea Wire saddles with adhesive tape 2ea Ball mount studs (for snap-in ONT mounting)
OSPE121	Enhanced enclosure with internal security door and back panel bracket Includes 1ea Fiber clip with adhesive pad 3ea Wire saddles with adhesive tape 2ea Ball mount studs (for snap-in ONT mounting) 1ea OptiFit® bracket

### Optional Equipment

Part #	Description
OSPE005	Slack storage device for OSPE121
SPT0001	Special tool to open enclosures



### CTDI Compatibility

- MicroNode™ RFoG ONU products
- home4000™ ONT products
- Xgen1000™ ONT products
- Xgen8000™ ONT products

### Power

- The OSPE110, 120 & 121 do not support internally-mounted power supplies
- Any external power supply for enclosed ONT and MicroNode R-ONU devices
- Any external battery back up for enclosed ONT and MicroNode devices

# OSPE301 – MicroNode RFoG ONU Enclosure



## MicroNode ONT Enclosure

The CTDI OSPE301 enclosure houses an CTDI MicroNode® RFoG ONU and associated cable management. Compliant with industry standards, the unit can be mounted on any outdoor or indoor vertical surface. The OSPE301 includes a telecommunications-grade plastic enclosure and multi-purpose mounting plate. The mounting plate provides for the MicroNode R-ONU attachment along with grounding, strain relief, and fiber management with an integrated splice tray and fiber storage. Compact size and all-inclusive features make the CTDI OSPE301 an ideal solution for residential, MDU, and business subscriber locations.

## Specifications

### Enclosure Features

- Integrated cable management
  - Strain relief
  - Splice tray
  - Fiber routing
  - Fiber storage
- Self-sealing cable gaskets
- Self-latching hinged cover with lockable access control
- Grounding Lug
- Strain relief for cables
- Weather-resistant, high-impact thermoplastic construction
- RoHS

