



ONT In-a-box Instructions Calix Model GPX1101X

Overview:

Calix GP1100X is one of the latest advanced technologies improving broadband delivery resulting in high-performance, dependable connectivity. By employing fiber-to-the-home technology, the GP1100X brings ultra-fast internet speeds to residential houses and offices thereby enhancing user experience during high-bandwidth activities such as video streaming and online games. Moreover, its secure data protocols ensure that users are not vulnerable to cyber-attacks thus keeping private information intact. It also provides for an enhanced management system that incorporates TR-069 protocol support, allowing network operators to remotely manage and troubleshoot the device, hence maximizing the performance of the network. Moreover, Calix GP1100X has a modern design with an energy-efficient quality that conforms to contemporary environmental standards, making it conducive for sustainable broadband deployment.

INSTALLATION AND OPERATION RULES:

Before installing your new Calix ONT, it is your responsibility to read and follow the installation and maintenance procedures in these instructions and follow the basic rules below.

INCLUDE EQUIPMENT:

- Calix Fiber ONT
- Calix 12V power supply
- Yellow pre-terminated fiber jumper cable
- Fiber adapter base / mounting plate
- 3 mounting screws

FOLLOWING TOOLS NEEDED FOR INSTALLATION :

- Drill
- Screwdriver
- Zip Ties (optional)
- Cutters or pliers (optional)
- Staple gun (optional)

IMPORTANT NOTICE:

This kit allows you to complete your fiber installation without a technician visit.



WARNING

- **Fiber cables are made of glass**
- **Do not bend tightly, pinch, or touch the connector ends**
- **Never force a connection**

WARRANTY:

All parts are guaranteed to the member to be free of manufacturing defects in materials from the date of installation. Merchandise that fails to conform to these conditions will be repaired or replaced by VernonCom.

In the event service is required, the member must call VernonCom with the problem. Some problems can be rectified by a telephone call and need no further course of action.

If a part is suspect of being defective it must not be replaced by the member. If it is deemed necessary for VernonCom to make an evaluation to determine whether the part was defective, a authorized VernonCom tech will be scheduled to visit the location. After a VenonCom tech has proformed an evaluation and the part was found to be defective, the part will be repaired or replaced.

ADDITIONAL WARRANTY PROVISIONS:

- (1) VernonCom shall have no obligation in the event an Calix ONT is modified by any other person or organization.
- (2) VernonCom shall have no obligation if an Calix ONT part becomes defective in whole or in part as a result of improper installation, improper maintenance, improper use, abnormal operation, or any other misuse or mistreatment of the Calix ONT.
- (3) VernonCom shall not be liable for any consequential or incidental damages resulting from the failure of the Calix ONT.

Place one hand under the modem to support it. If there is a zip tie holding the modem to the bracket cut it off at this time. The modem is mounted on a slide-on bracket. Lift the modem straight up to release it from the bracket. If the DZS modem is mounted vertically, slide it to the left or right to release the modem from the bracket. Once free, gently pull the modem away from the wall.



After removing the DZS modem you should see the bracket and fiber cable. This should look something like the image to the right.

You are now ready to install the new Calix ONT and backing plate.

Do not return the DZS modem back to Vernon-Com.

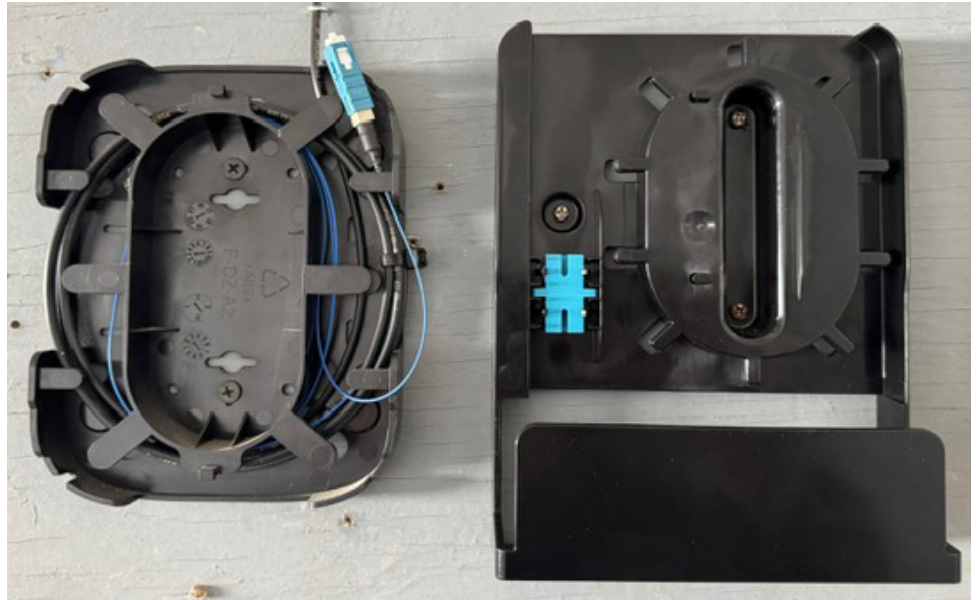
Do not remove old backing plate from its current location.



Position the New Backing Plate

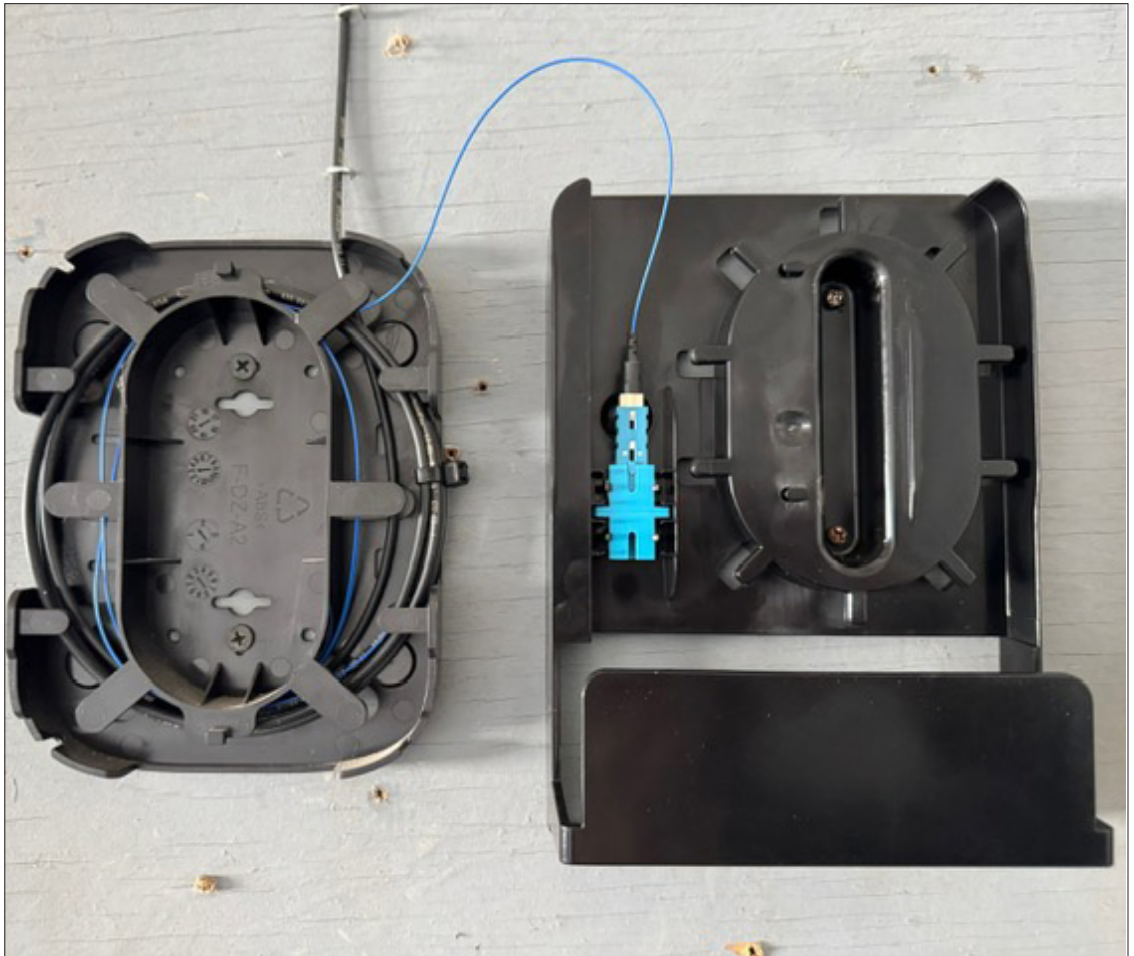
Mount the new backing plate near a power outlet and close to your old modem bracket.

* Ensure the fiber can reach the base without stretching.



Connect the Fiber

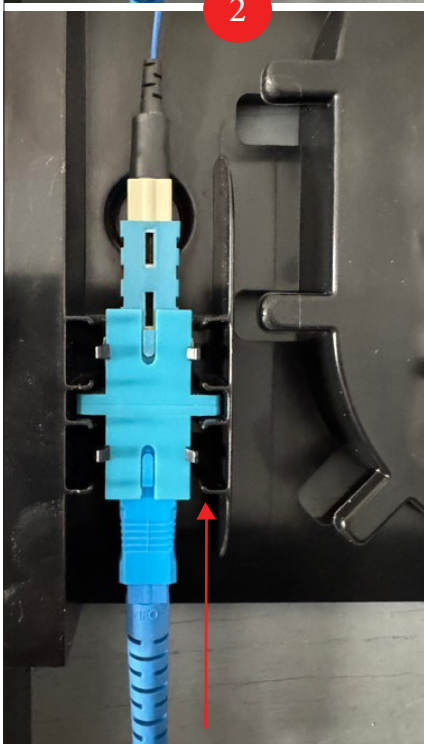
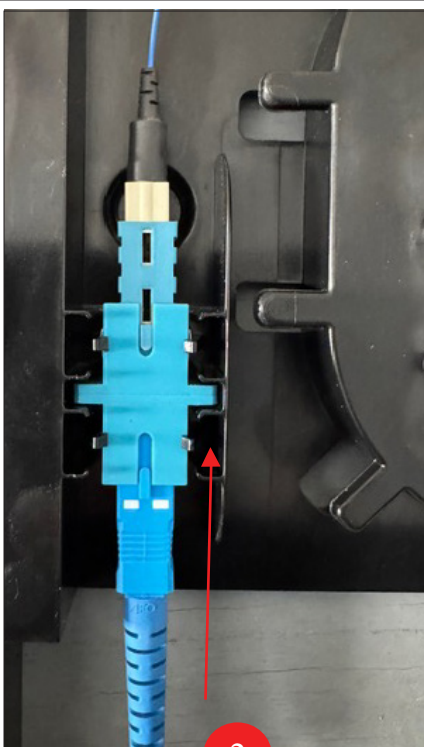
1. From the old modem bracket gently run the fiber line to the blue fiber adapter
 2. Align the fiber connector within the slot on the adapter and gently push straight in until it clicks
- * A proper connection requires light pressure only



Fiber Routing Notice:

The fiber cable may be secured into the blue fiber adapter from either the top or bottom. Choose the entry point that allows for the smoothest path with the least bending or strain, based on your layout.

1. Remove the dust cap from the blue fiber connector of the yellow jumper cable
2. Align the blue connector end from the jumper cable and gently push straight into the blue adapter until it clicks
3. Coil extra fiber loosely inside the adapter base
4. Use the built-in guides to keep fiber organized

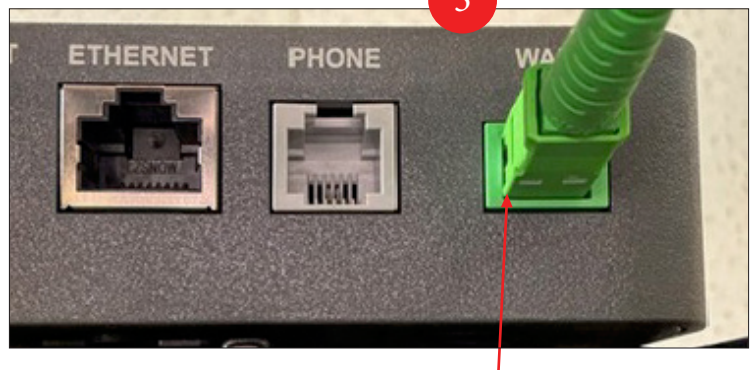
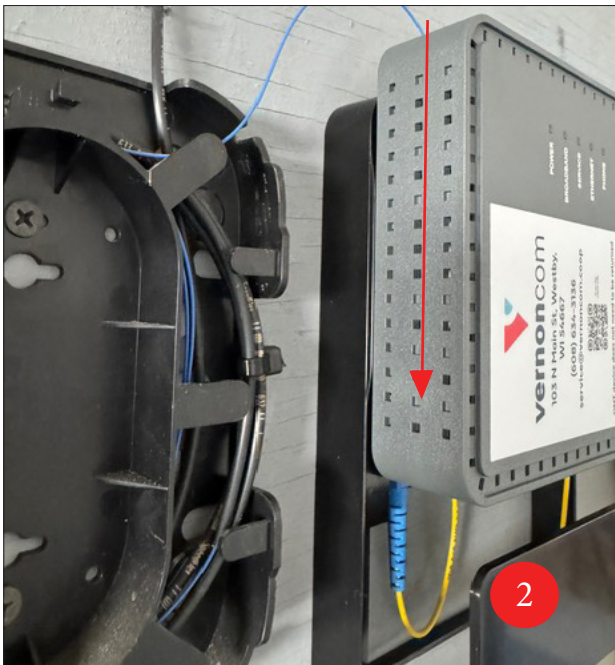


* Make sure to avoid creating loops that are too tight or too loose when coiling the excess jumper cable.

Attach the ONT

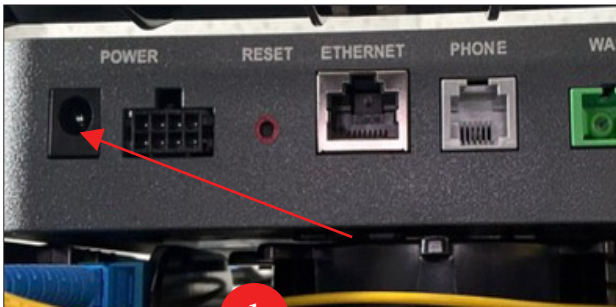
1. Align the ONT with small tabs/ears on the backing plate
2. Slide the ONT down into place until it feels secure
3. Take the green fiber connector end of the yellow jumper and gently push straight into the ONT where it's labeled WAN (green slot) until it clicks

*The ONT must sit flat and stable without rocking or wobbling.



Apply Power To The ONT

1. Connect supplied power adapter to the ONT
2. Plug the power adapter securely into the closest power outlet
3. The Power light should turn on within 30–60 seconds and show a solid green light



Verify Service Lights

Allow up to 5 minutes for activation

Expected lights:

- Power: Solid green
- Broadband: Solid or blinking green
- Ethernet: Green when router is connected

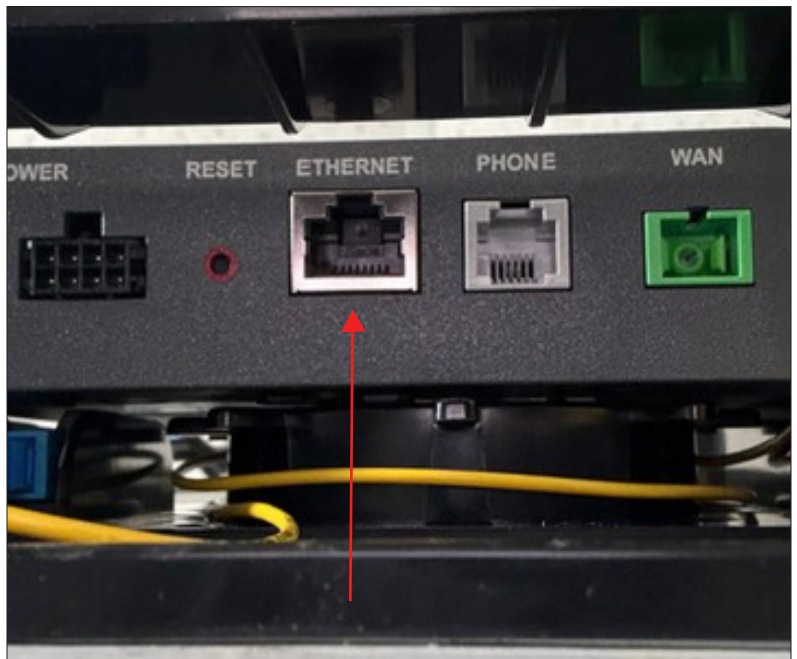
If lights remain off or red after 5 minutes, contact VernonCom.



Connect Calix ONT To Your Router

- Connect an Ethernet cable from the ONT Ethernet port
- Plug the other end into your router's WAN / Internet port

If using a VernonCom router, follow the labeled ports.



Need Assistance?

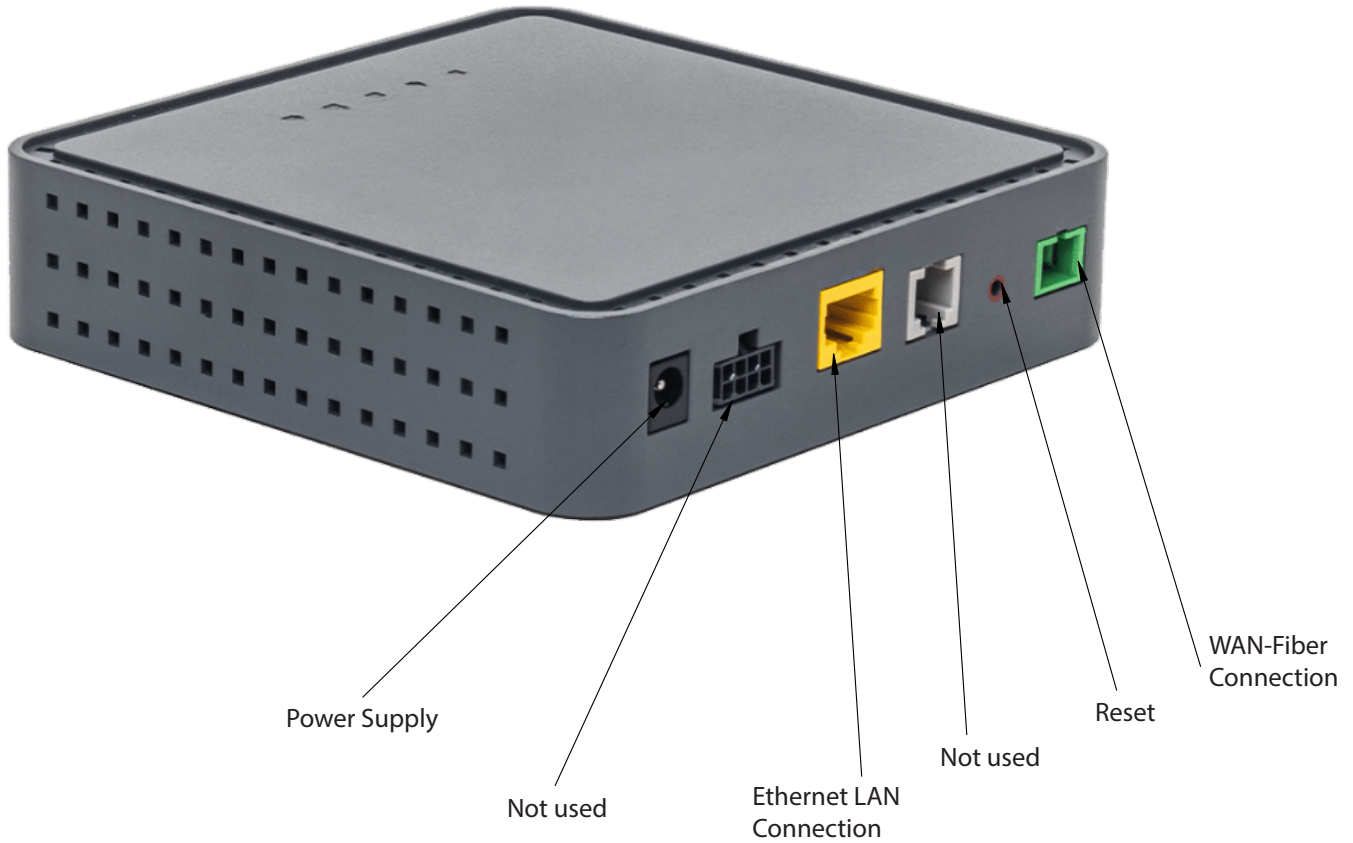
Support: (608) 634-3136

Email: service@vernoncom.coop

Website: vernoncom.coop

The Calix ONT is VernonCom property and should not be removed or returned.

Device Details



Light Status Information

Label	Color	Action	Decription
Power	Green	Solid	Solid if there is power being supplied to the ONT
Broadband	Green	Solid	Solid when the ONT is connected correctly to the network
Service	Green	Solid / Flashing	Flashes when data is being sent/received to/from the ASTOUND network. Solid when connected, but not sending/receiving info
Ethernet	Green	Solid / Flashing	Solid if there is a physical connection between the ONT and the customer's ETHERNET port (on computer or router). Flashes when data is being transferred over the USB Cable. (Not a recommended connection)