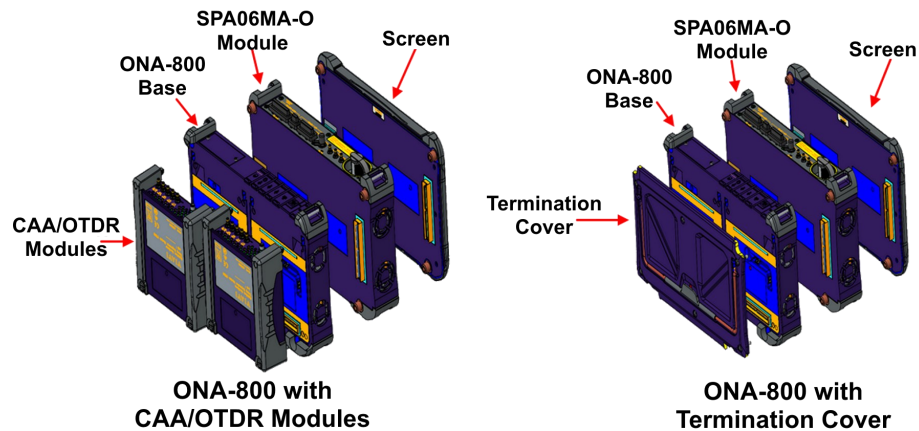# VIAVI ONA-800 Quick Start Guide

Unpacking and inspecting the components

When unpacking the components, verify that all the items you ordered are included in the package. Accessories might be shipped in a separate box.
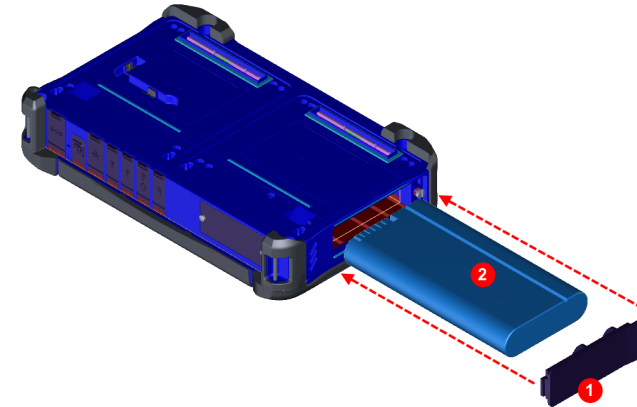
Before using the unit for the first time, inspect its components to verify that no damage occurred during shipping. Examine the connectors, ports, LEDs, and screen for damage. Be sure to check the top, bottom, and front panels. If you find damage, contact Viavi Customer Care at 1-844-GO-VIAVI (+1-844-468-4284) or at TAC@viavisolutions.com. Consider saving the box and packing materials for future use.

About the base unit

The base unit supports modules that can be added and removed as required. Powered by either external AC power or battery, the unit also features an LCD touchscreen for quick access to the touch-based user interface.

ONA-800 with CAA/OTDR Modules

ONA-800 with Termination Cover

Installing the battery

1	Battery access door
2	Field-replaceable lithium ion battery

Powering the unit

The base unit with all modules installed operates from 19-27V DC and can operate supplied by the 19V DC, 160W AC power adapter shipped with the unit. The nominal input ratings of the power adapter are 100-240V AC, 50-60Hz and it auto-ranges between 90-264V AC and 47-63Hz. The mains supply cord used with the power adapter shall be of grounded type with connection to protective earth.

> **NOTE:**
> The base unit has no user-serviceable internal fuse and must be returned to VIAVI for service if needed.
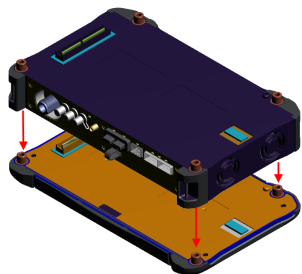
Installing CAA/OTDR modules

1. Power down the ONA-800 and disconnect from AC power.

2. Place the unit so that you have access to the back and remove the back cover by removing the four screws that hold it in place.

3. Locate the hinges on the module and insert them into the base at a 45 to 60 degree angle.

4. Pivot the module down towards the connector.

5. Seat the module into the connector with slight pressure.

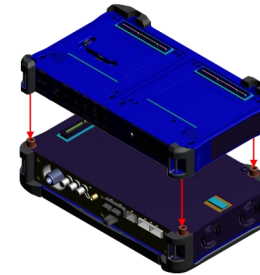6. Tighten the screws on the module.

Removing CAA/OTDR modules

1. Power down the ONA-800 and disconnect from AC power.

2. Place the unit so that you have access to the back.

3. Remove the screws on the module.

4. Remove the module from the ONA-800.

Installing solution modules

1. Place the unit so you have access to the back and remove the CAA/OTDR modules or back cover.

2. Using the hex key located in the groove on the back panel, loosen the four fasteners and lift the base unit off of the display panel.

3. Place the solution module into the display panel, ensuring the mating connectors between the two pieces are aligned.

4. Insert the hex key in the brass fittings on the rear of the module and tighten the internal captive fasteners to secure the module to the display.

5. Place the ONA-800 base onto the module, ensuring the mating connectors are aligned.

6. Using the hex key, tighten the captive fasteners on the rear of the base that secure it to the module.

7. Re-attach the CAA/OTDR modules or back cover.

Turning on the unit

Press the Power button for approximately 1 second, then release.

Turning off and rebooting the instrument

1. Press the **Power** button for approximately 1 second, then release.

2. Select the desired **Power** option on the display:

   - Select **Power off** to turn your instrument off

   - Select **Reboot** to reboot your instrument.

   - Select **Cancel** to cancel the operation and return to the previous screen.

When the unit is off and battery is not charging, there is no illumination of the LED.

> **NOTE:**
>
> Holding the Power button for more than 7 seconds initiates a non-graceful shutdown.