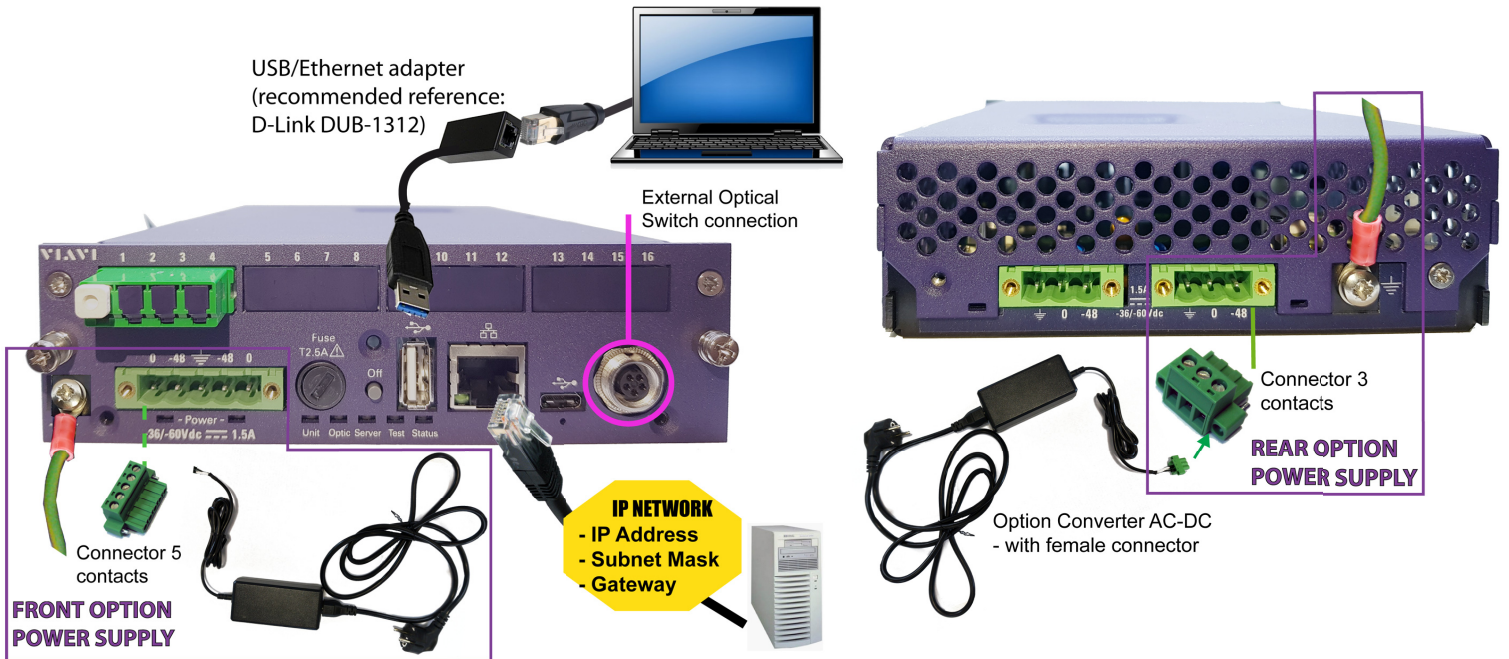# VIAVI

# OTU-5000 GETTING STARTED MANUAL

The OTU-5000 installation requires going through :

- Mechanical installation
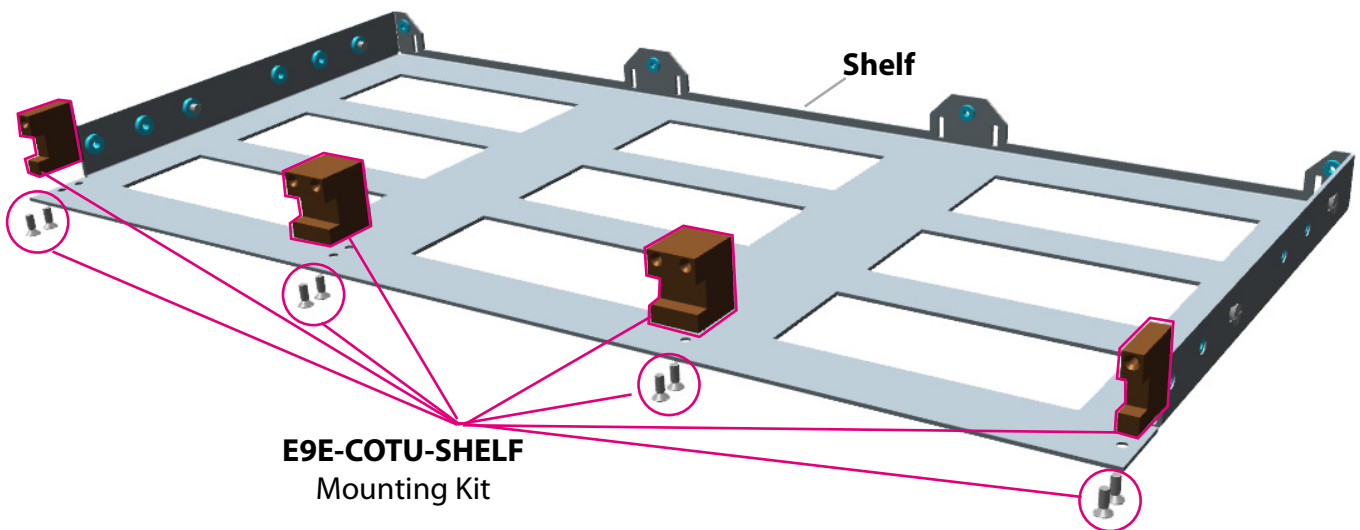- Electrical connections
- Communication setup

USB/Ethernet adapter
(recommended reference:
D-Link DUB-1312)

External Optical
Switch connection

Connector 3
contacts

**REAR OPTION
POWER SUPPLY**

Option Converter AC-DC
- with female connector

Connector 5
contacts

**FRONT OPTION
POWER SUPPLY**

**IP NETWORK**
- **IP Address**
- **Subnet Mask**
- **Gateway**

The OTU-5000 Serial Number is indicated on top of the equipment.

## MECHANICAL INSTALLATION - INSTALLING THE OTU-5000 INTO THE RACK

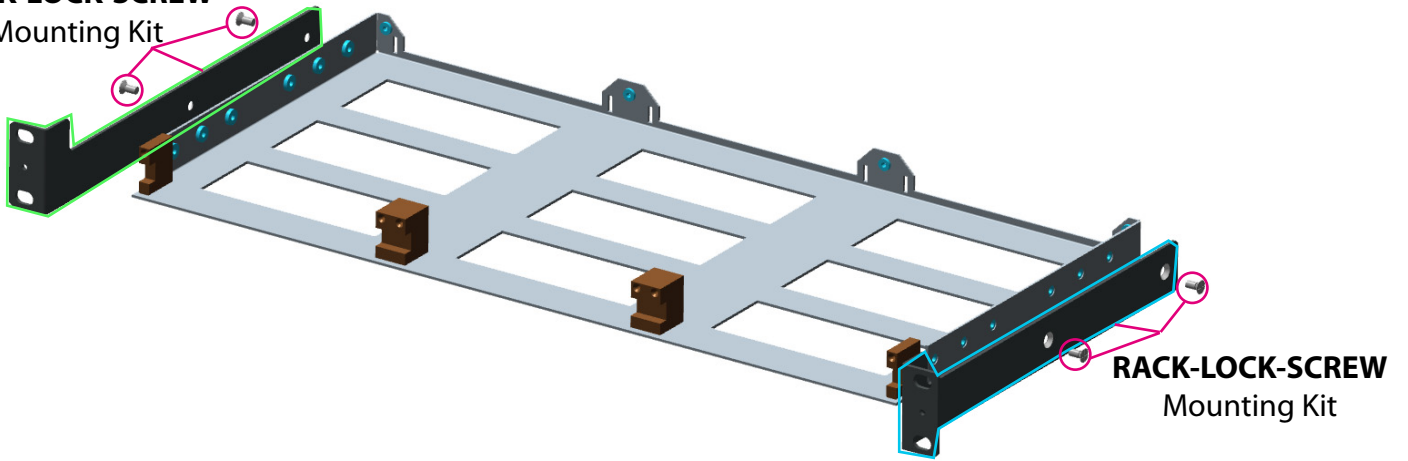### Installing the OTU-5000 (PN E9E-COTU-SHELF)

❶ Fix the 4 attaches (2 small and 2 big) onto the shelf, using the 8 screws M3x8, included into the E9E-COTU-SHELF Kit.

**Shelf**

**E9E-COTU-SHELF**
Mounting Kit

**❷** Fix the brackets on both sides of the shelf, using the 4 screws M4x8, included into the RACK-LOCK-SCREW Kit.
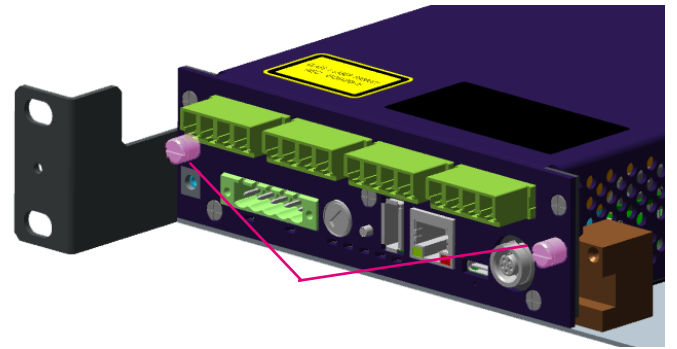
**RACK-LOCK-SCREW**
Mounting Kit

**RACK-LOCK-SCREW**
Mounting Kit

**❸** Fix the OTU-5000 onto the shelf:

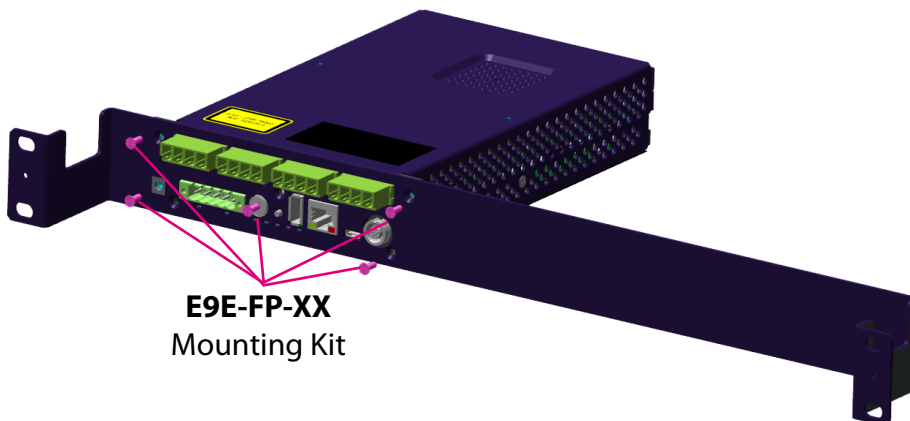| | |
|---|---|
| a. Push the OTU-5000 to the rear of the shelf, so that the fixing features fit correctly into the cuts of the shelf. | |
| b. Fix the OTU to the shelf, screwing the two captive screws. | |

**❹** Fix the whole assembly to the rack using the tools included into the E9E-RACK-MOUNT Kit.

## Installing the OTU-5000 (PN E9E-COTU)

**❶** Fix the OTU-5000 onto the bracket screwing the 5 screws M3X8, included in the E9E-FP-XX Kit.

**E9E-FP-XX**
Mounting Kit

**❷** Fix the whole assembly to the rack using the tools of the E9E-RACK-MOUNT Kit.

# ELECTRICAL CONNECTIONS

If OTU-5000 is not powered by the AC/DC adapter block, it can be powered by power supply rails.

The OTU-5000 works on a DC -48V power supply. It supports a dual feed.

**If the Front Option is used for power supply, remove the connector 3 contacts from the converter and screw the connector 5 contacts, included into the E9E-ACPS-CONN Kit.**

**1** If using only one source, screw the source's wires inside the 5 points connector, included into the PS CONNECTORS Kit, as (one of the options) shown opposite.

  If using Redundant sources, connect both.

**2** Use the ground connector supplied to connect the OTU-5000 to the ground , included into the GND-TONGUE Kit (at the front or the back of the equipment according to the option delivered).

**Unused contacts of power supply connectors can be protected using the caps included into the KEYING-CAP Kit.**

## Switch on/off procedures

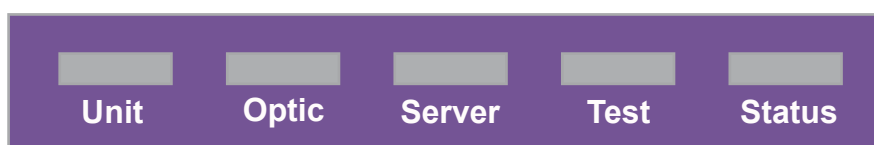The OTU-5000 has no ON button.

It is automatically switched ON once the power is plugged in.

**SWITCH-OFF PROCEDURE**

To switch the OTU-5000 off, the user must follow the procedure below

1. Keep the **OFF** button pressed for about 5 sec.
2. The LED **Status** is blinking green. Wait for all the LEDs to be turned off.
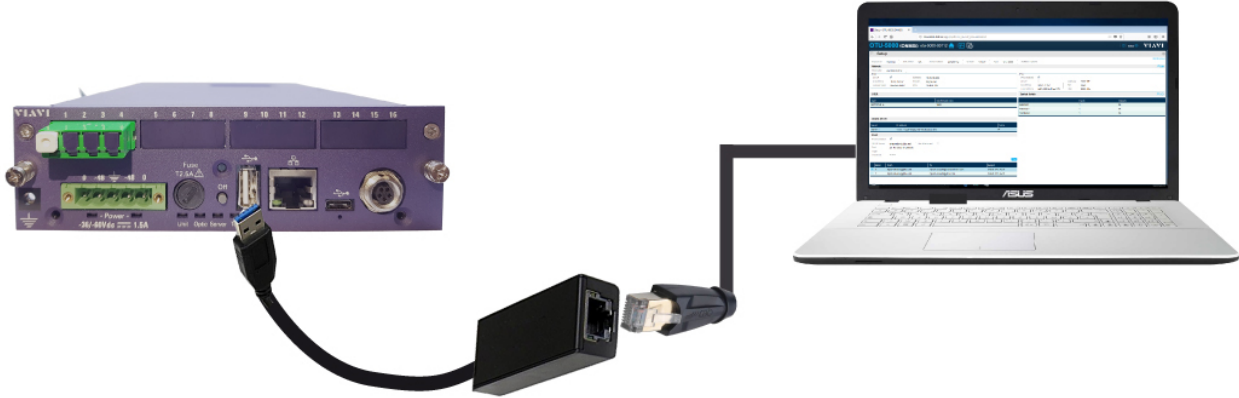3. Unplug the Power-Supply connector.

### Front Panel LED indicators

| Unit | Optic | Server | Test | Status |

The OTU-5000 is setup in DHCP mode with a host name such as: otu-5000-05002 (05002 is the serial number)

To change LAN settings:

**1** In local mode, your PC with the web browser must be connected on OTU-5000 USB port with Ethernet adapter (recomended to use the adapter D-Link, DUB1312).

To enter the OTU's network information:

**2** In local mode: use the url: http://192.168.1.1/ to connect to OTU-5000 application on your web browser, with Login *admin* and Password *password*.

**4** Click on the icon [icon] on the upper banner to access to the Network configuration

**5** Click on **Edit** to configure Network Settings:
- the OTU-5000 hostname (used when DHCP is enabled)
- DHCP can be enabled/disabled
- If DHCP is disabled, IP settings can be modified

**To set up IPV6 please refer to the complete user manual.**

**6** Click on **Save** to save the settings.

| OTU Setup | | | | | | | | | | | Maintenance |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sequencer | Running | Disk status | OK | Serial number | EBAJ00112 | Version | V16.97 | Type | OTU 5000 | Software options | |
| **Network** | | | | | | | | | | | 🔲 Edit |
| HostName | otu-5000-00112 | | | | | | | | | | |

IPv4
| DHCP | ✔ | Gateway | 10.33.19.254 |
|---|---|---|---|
| Ip Address | 10.33.16.107 | Domain | ds.jdsu.net |
| Subnet Mask | 255.255.252.0 | DNS | 10.49.2.132 |

IPv6
| IPv6 enabled | ✔ | | |
|---|---|---|---|
| DHCP | ☐ | Gateway | 2001::ffff |
| Ip Address | 2001::1:112 | Site | Site0 |
| Link address | fe80::222:bcff:fea1:70 | DNS | 2001::fffe |

For advanced configuration such as external optical switch, communication backup, email... consult the user manual available in pdf.

## TECHNICAL ASSISTANCE

If you require technical assistance, call 1-844-GO-VIAVI. For the latest TAC information, go to http://www.viavisolutions.com/en/services-and-support/support/technical-assistance.

**VIAVI**