

OP250

Stabilized Light Source

Overview

Stabilized Light Source

The **OP250** is a configurable stabilized light source available with a variety of Lasers or LEDs. Offered in a single or dual port configuration with selectable wavelengths, various power levels and industry standard optical interfaces. This instrument offers all the features and functions necessary for the development, testing and inspecting of optical components and cables. The stand-alone, internally powered module also connects to a USB port on any computer.

OptoTest offers drivers and applications which allow the user to perform common measurement tasks as well as data logging or time-stamped stability measurements. OPL-2 allows the user to adjust output power from 0 to 100%.



Model OP250 stabilized light source

Features

- Source stability of 0.02 per hour (per 1°C variation)*
- Wide variety of source wavelength options, including 635nm, 850nm, 1310nm, and 1550nm among many others
- Various types of sources including LEDs, Fabry-Perot lasers, and VCSELs
- Customizable fiber type such as 9/125µm, 50/125µm, 62.5/125µm, 105/125µm, 100/140µm, and POF
- Many common source connector outputs such as FC, SC, and ST
- Single or dual port configuration
- Remote control of output power via USB
- Integrated temperature monitoring
- Internal rechargeable Lithium-Ion battery

* Standard wavelengths

Single Mode: 1310/1550; Multimode: 850/1300

Applications

Generic Applications

The **OP250** is an economical light source solution to test or qualify optical components, cables and systems.

Cable Insertion Loss

When bundled with the **OP500** series optical power meters, the insertion loss can be efficiently logged and controlled with the **OPL-5** application software.

Multi-Wavelength Source

The **OP250** can be operated remotely making it easier to test multi-wavelength devices such as a WDM.