

OPL Application Software

Overview

Application software from OptoTest is designed to optimize overall performance and unlock the full potential of each unit. Every OptoTest device is supported by at least one of our specially developed software applications and our Dynamic Link Libraries (DLLs). Our most comprehensive testing software **OPL-LOG**, **OPL-MAX**, and **OPL-PRO** are compatible with most of our benchtop test sets, sources and power meter units.

Each software is specialized and designed with certain applications in mind. To see which software applications are the best fit for your environment you can contact a sales representative at **1.805.987.1700**.



- OPL-2** For Adjusting OP250 Sources
- OPL-280** For Controlling and Loading Sequences onto the OP280
- OPL-5** For Performing Measurements with OP500 Series Power Meters
- OPL-7** Simple Datalogging for the OP710 Multichannel Power Meters
- OPL-DISC** For Controlling OP1100 Discontinuity Tester
- OPL-LCA** For Operating OP1021 Launch Condition Analyzer
- OPL-LOG** Advanced Datalogging with Support for Temperature & Humidity
- OPL-MAX** For Testing Multifiber Connectors with Production Applications
- OPL-PowerRT** For Simultaneous Insertion Loss Testing on Multiple Channels
- OPL-PRO** For Simplex or Duplex Testing; Ideal for Production
- OPL-SDK** Software Developer Kit; for Customized Software Packages

OPL Application Software

OPL-2

OPL-2 is a simple software used to adjust source output power and toggle (turn off and on) the OP250's sources.

OPL-280

A complementary companion software package for the OP280 which can create and edit sequences to define the order of channels for the OP280. These sequences can be loaded to and from the OP280.

OPL-5

A simple, easy-to-use software which controls both the OP508 and OP510 USB-powered optical power meters. The software reads and displays the optical power for the selected wavelength.

OPL-7

OPL-7 provides a quick and easy way to measure the power output on all channels of an OP710 Optical Power Meter more than 24 channels. With a simple user interface and a minimum sampling rate of 10Hz (80Hz with certain units), it is easily the most powerful way to utilize an OP710.

OPL-DISC

Designed to accompany the OP1100 Discontinuity Analyzer, OPL-DISC provides a fully integrated solution to test changes in insertion loss due to heat, vibration, shock, or any other outside force. OPL-DISC features sampling rates as fast as 0.4µs and the ability to capture traces of any discontinuity event that occurs.

OPL-LCA

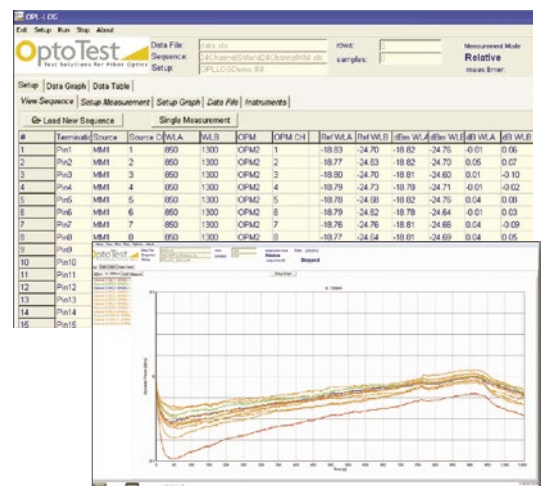
Designed specifically to control the OP1021 Launch Condition Analyzer, OPL-LCA is the perfect solution to test for encircled flux compliance. Using the nearfield and farfield scans together with configurable pass/fail criteria allows the user to provide EF-compliance documentation to their customers.

OPL-LOG

OPL-LOG supports multichannel insertion loss and return loss testing with all the same customization as other OPL Application Software. It specializes in performing timer-based, long-term data gathering. To support this, it can control a number of third-party devices such as an ESPEC Temperature and Humidity Chamber and a Fluke Hydra to measure not only the change in insertion loss and return loss over time, but also temperature, humidity, and other parameters.

One of the many other features of this application is the ability to multi-task, by running two or more separate tests concurrently, to allow for the most efficient use of the OP-METS system. All data is logged in Excel format or can be customized for appending to database.

- Timer based data acquisition
- Capture IL, RL, temperature and auxiliary parameters
- Data in Excel format
- Programmable Sequences
- Graphical display of results vs. time

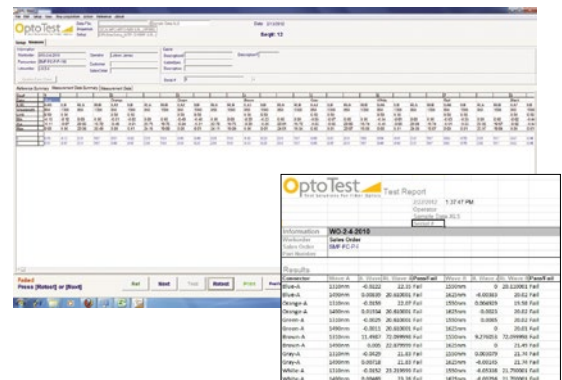


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OPL-MAX

OPL-MAX supports multichannel insertion loss and return loss testing and is ideal for facilities manufacturing multifiber cables or more complex components. Its programmable sequences, FiberMap crossed fiber analysis, and easily configured test reports allow for a completely customizable testing solution. The test reports, measurement data log, along with the ability to create and assign serial numbers, establishes traceability and accountability.

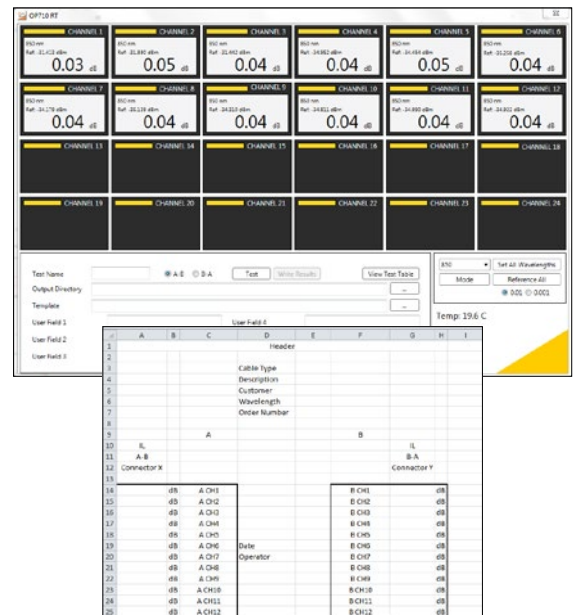
- Programmable sequences
- Checks for continuity / crossed fibers
- Test report
- Measurement log for audits
- Reference wizard
- Retest of individual channels
- Data in Excel format



OPL-PowerRT

OPL-PowerRT was designed as a simple solution for testing insertion loss on multichannel fiber optic assemblies while allowing the operator to monitor all test results simultaneously. It shows real-time power meter readings for all channels of an OP710. Many aspects of the user interface and the test reporting including wavelength, active channels, and measurement display precision, are customizable. OPL-PowerRT collects the data from all active detectors on an OptoTest power meter unit and will compile those values into a user-defined report in Excel format.

- Real-time display of multiple channels
- Serialized Cable Test
- Bi-Directional Testing
- Data file in Excel format
- User configurable setup
- Fast and simple test procedure

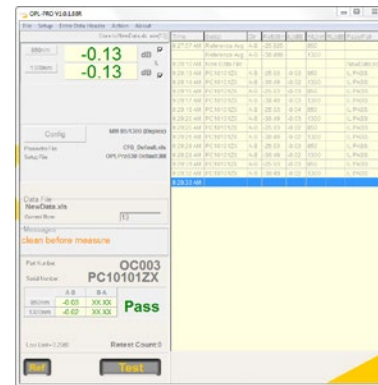


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OPL-PRO

OPL-PRO supports serialized single-channel and duplex cable testing for insertion loss and return loss. It features a real-time display and a streamlined approach which makes it the fastest solution on the market. It is ideal for a production environment because it features customizable pass/fail criteria and label printing which allows for efficient and effective traceability and accountability.

- Real-time display
- Selectable Pass / Fail criteria
- Serialized Cable Test
- Bi-Directional Testing
- Data file in Excel format
- User configurable setup
- Auditing trails



OPL-SDK

OPL-SDK is a software programming toolkit provided to enable the creation of custom software applications to control OptoTest devices. The toolkit also includes extensive documentation and examples in various programming languages such as C/C++, Visual C#, Visual Basic, and LabView.*

*Contact OptoTest for information on supported languages and operating systems.