

CONTENT

- ▶ **WaveAnalyzer 1500S High Resolution OSA for the L band**
- ▶ **High RF Output Power Detectors**
- ▶ **Trade Show Events:** Visit us in China and Ireland!

NEW! WaveAnalyzer 1500S High Resolution OSA for the L-band

Finisar is pleased to introduce a new member of the successful WaveAnalyzer™ family: the L-band WaveAnalyzer 1500S High Resolution OSA. This bench-top instrument covers the range from 186.0 to 191.05 THz (1569.1 to 1611.7 nm) with a resolution bandwidth of about 180 MHz. It offers a high update rate of 4 scans per second across the entire L band and up to 10 scans per second for smaller sections.



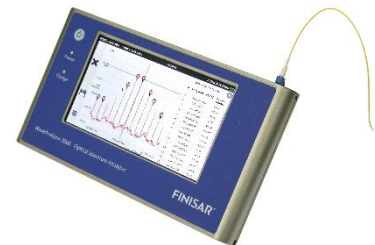
Similar as the C-band version of this instrument, the WaveAnalyzer 1500S/L is controlled by the WaveAnalyzer GUI which includes functions like OSNR measurement, WDM analysis and Side Mode Suppression Ration (SMSR) measurement. It also provides a Web server which supports a RESTful based Application Programming Interface (API).

The WaveAnalyzer 1500S/L is orderable and has started shipping. It will be demonstrated at ECOC 2019 in Dublin.

WaveAnalyzer 200A

The battery operated **WaveAnalyzer 200A Portable OSA** has been introduced at OFC 2019 (as reported in the spring newsletter). The family has been extended now and is available with connector versions FC/APC and LC/PC.

Loaner units of this family are available for demonstration with our sales partners. Please contact us for booking a time slot for an evaluation!



WaveAnalyzer GUI 1.8.1 available for download!

Version 1.8.1 of the WaveAnalyzer Graphical User Interface has been released. It supports the WaveAnalyzer 1500S/L and also includes a number of improvements and bugfixes. It is available for download from

https://www.finisar.com/sites/default/files/resources/waveanalyzer_gui_software_1.8.1.zip

Editor: Ralf Stolte

✉: ralf.stolte@finisar.com

☎+49 170 415 6319

High Speed Detectors

High RF Output Power Detectors

Finisar's Ultra High RF Output Power product VPDV2120 is finally ready for a full Telcordia qualification and will therefore become available as a fully qualified product in spring 2020 for volume manufacturing and application. Within the NPI (New Product Introduction) phase the R&D team did a great job and implemented all product enhancements for its VPDV2120.

The product is suited for RF over Fiber and Microwave photonics applications. The VPDV2120 offers high bandwidth up to 20GHz and exhibits an RF output power of up to 23dBm @ 10GHz. At a Responsivity of around 0.55A/W it is capable of photocurrents up to 120mA and offers high linearity with OIP3 values above 30dBm.

Over the past months the complete set of datasheets for all Finisar High Speed Detector products have been reviewed and updated. An increased amount of data and statistics from Finisar's manufacturing in Berlin has been analysed and reviewed. With it the optical parameters such as the Wavelength Range, Responsivity and PDL have been updated and harmonized as also the supply voltages, which are now mostly within specified and standardized levels. This will help to ease any design in or setup work of Finisar's High Speed Detector products within their test environment. The product documentation has been updated, documents will be circulated and uploaded to Finisar's homepage after final review targeting within the next days.



Finisar is a leading supplier of Ultra High Speed Detectors, offering a broad portfolio of detectors and receivers ranging from 10GHz to 100GHz. Finisar is providing single channel and balanced products supporting C-band as well as dual band (O+C band) and is delivering AC and DC coupled electrical RF interfaces and connectors within various packages. The products are used in applications like Microwave Photonics and Radio over Fiber, Aerospace and Space as well as in Telecom. They are also used for very forward looking research work in university laboratories and at leading industrial corporations.

Tradeshaw Events

Finisar participates in various trade shows around the world to meet with users of lab (test) equipment. Please come meet us at these upcoming events.

CIOE 2019, Shenzhen, China (Sep. 4 to 7)

Finisar will be joining sales partner Luster at CIOE from September 4 to 7 at booth 1C21. The Finisar Test equipment portfolio including WaveShaper and WaveAnalyzer will be demonstrated.

ECOC 2019, Dublin, Ireland (Sep. 23 to 25)

Finisar will be exhibiting in booth 62 at the RDS Venue in Dublin. The product demonstrations will include the following solutions and concepts from the test instrument group:

- The new **L-band WaveAnalyzer 1500S High Resolution Optical Spectrum Analyzer** will be demonstrated along with the C-band version of the instrument and the WaveAnalyzer 100S Compact Optical Spectrum Analyzer.
- The **WaveAnalyzer 200A Portable Optical Spectrum Analyzer** will demonstrate WDM Channel Analysis as well as OSNR measurement.
- The **WaveShaper** family will demonstrate filtering and mux/demux capability in the C- and in the L-band as well as multicasting up to 16 ports.

For more information about ECOC, visit <http://www.ecocexhibition.com>.

ACP 2019, Chengdu, China (Nov. 2 to 5)

Finisar will be joining sales partner Luster at the Asian Communication Photonics (ACP) exhibition in Chengdu, China. The Finisar Test equipment portfolio including WaveShaper and WaveAnalyzer will be demonstrated.

For more information about ACP, visit <http://www.acpconf.org/>.