

sneak PREVIEW



PHOTONICS MEDIA

OFC – Anaheim, CA

March 22-24

An advance look at the products, trends and technologies being presented.



OFC Brings Together Industry Leaders, Innovators

The OSA Optical Fiber Communication Conference and Exposition (OFC) is hailed as “the largest global conference and exhibition for optical communications and networking professionals.” The event, which has been held annually for more than 40 years, brings together industry experts, professionals, researchers and others, offering a forum for networking, education and business opportunities. OFC also provides insight on the major trends and technology advances affecting the industry.

The latest technologies, products and information are presented — optical networking, gigabit Ethernet, SDN and networks, test and measurement, optical packets, optical interconnects/switches, 100Gb/s hardware, WDM, switches, ROADMs, VCSEL, transport, spatial division multiplexing, integrated photonics, and FTTX are among them.

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Featured Exhibitors

InGaAs Photodiodes

From: **Fermionics Opto-Technology**

Fermionics Opto-Technology manufactures InGaAs photodiodes for optical communications, test instrumentation, sensing, and medical applications. Photosensitive diameters range from 30 μm to 5 mm. Package options include standard TO46 and miniature ceramic fiber pigtailed, receptacle connectors, TO-headers, and ceramic submounts. Photodiode arrays are offered for fiber-ribbon coupling and spectroscopy applications.

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High-Speed WDM Wavelength Meter

From: **Bristol Instruments, Inc.**

The model 828B measures the wavelength of CW and modulated WDM lasers at a rate of 1 kHz. This exceptional speed improves the efficiency of testing during the manufacturing process and provides a time resolution of 1 ms to enable the most detailed wavelength characterization of tunable lasers. Wavelength is measured to an accuracy of ± 1 pm, guaranteed by automatic calibration with a built-in wavelength standard.

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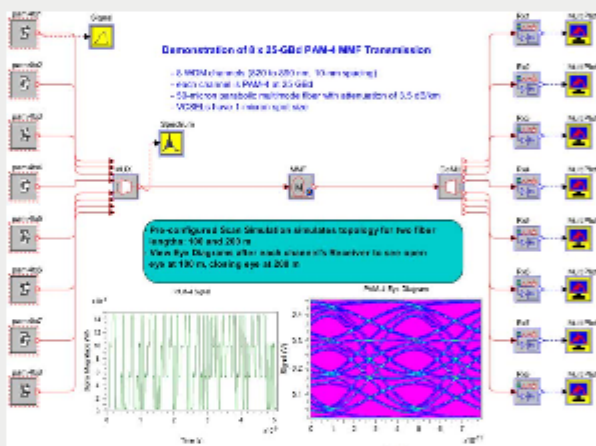
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Synopsys' RSoft Photonic System Design Suite

From: **Synopsys, Inc., Optical Solutions Group**

Synopsys' RSoft Photonic System Design Suite allows users to design and simulate current and next-generation optical communication systems and photonic integrated circuits (PICs) at the signal-propagation level. The latest release includes new features that accelerate the design and fabrication of state-of-the-art silicon photonics, PICs and optical transceivers in data center applications. Contact us today for a free evaluation.

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Universal Fiber Optic Detectors

From: **Newport Corporation**

The Universal Fiber Optic Sensors use a 1" symmetrical integrating sphere to ensure accurate measurements. The integrating sphere uses a dual detector design, with the wavelength range of 400–1650 nm. FC, ST, LC, and SC fiber adapters included, and plug into the detector's front port. The rear port is designed to measure light from straight and angle cleaved bare fibers, using Newport's FP3-FH1 bare fiber holder, which is also included.

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Optical Wavemeter

From: **New Focus**

The WM-1210 Wavemeter is the ideal device to analyze and characterize your WDM Lasers and Systems. The ± 1 ppm accuracy of the WM-1210 along with a fast measurement rate of 10Hz make analyzing devices very quick and precise. NIST traceable calibration is standard making your results reliable. The FC input makes connections to systems easy and straightforward. The rugged design is also ideal for research and manufacturing facilities.

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OZ Optics' Online Catalog

From: **OZ Optics Limited**

OZ Optics' online catalog (shop.ozoptics.com) is the world's largest fiber optic online catalog – thousands of fiber optic products in stock – stock items are shipped within 1 or 2 business days – excess inventory as much as 75% off.

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ILX Lightwave LDC-3726

From: **ILX Lightwave, a Newport Company**

Newport Corporation introduces the new LDC-3726 Laser Diode Controller from ILX Lightwave. Unmatched quality expected from an ILX controller, with updated controls and connectivity.



- Simple, intuitive interface for quick setup and use
- Multiple control algorithms for operating various types of laser diodes
- Unrivaled laser diode protection to protect critical investments in lasers
- Versatile connectivity to diodes and TEC devices to manage even the most complicated setup

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