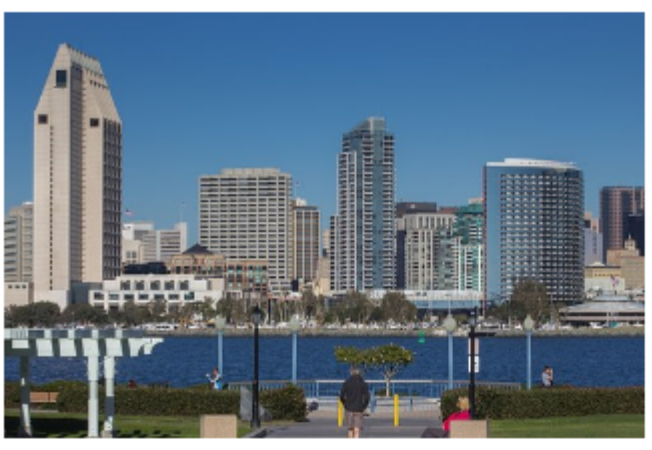
Tuesday, March 1, 2022

sneak PREVIEW

PHOTONICS MEDIA photonics.com

OFC 2022



Optical Fiber Communication Conference and Exhibition to Spotlight Top Networking Trends

The premier international event for the latest advancements in optical communications and networking returns to San Diego in March. The Optical Fiber Communication Conference and Exhibition (OFC) will feature a five-day technical conference March 6-10 and an exhibition March 8-10. Presentation and workshop session topics span quantum communications and satellite optical interconnects, to optics and electronics co-packaging and future machine learning and AI system design.

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.: Featured Exhibitors

Fastest Multi-Wavelength Meter

From: Bristol Instruments Inc.

The 438 Series Multi-Wavelength Meter measures wavelength, power, and OSNR of up to 1000 optical signals. Wavelength is measured to ±0.3 pm, power is measured to ±0.5 dB, and OSNR is calculated to > 40 dB. With key features such as high accuracy and fast measurement rate of 10 Hz, the 438 system provides the most precise and efficient WDM wavelength testing available for greater manufacturing productivity.

BRISTOL INSTRUMENTS

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Optical Signal to Noise Ratio Generator

From: OZ Optics Limited

OZ Optics now offers an Optical Signal to Noise Generator. It combines an adjustable ASE source, tunable filter, and EDFA to perform OSNR measurements on optical networks. With GPIB/USB interfaces, it allows remote access and measurement automation. The system works at C-band wavelengths, provides individual channel selection and tuning-range testing.

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Photonics Solution Provider

From: Hitachi High-Tech America Inc.

Hitachi High-Tech aims to be a One-Stop-Shop for optoelectronic materials and services. We work with a strong team of partners that offer high performance components such as glass aspherical lenses, thermoelectric coolers (TECs), metal/ceramic submounts, packages, photodiodes, flex circuits, thermistors, micro-optics, and integrated photonics design and test services.

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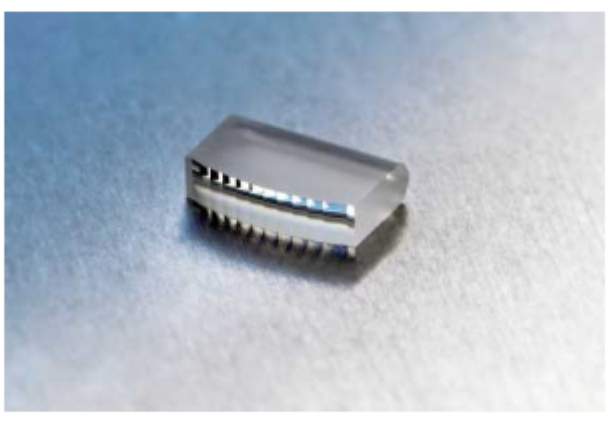
Monolithic Fiber Coupler

From: Focuslight Technologies

Focuslight's monolithic fiber couplers could match mode-geometries of waveguides and fibers with cylindrical lenses along two axes, with the advantage of high in coupling efficiency. The monolithic fiber couplers have the flexibility in designing single component or array with compact form-factor for Photonic Integrated Circuits, enabling 1 by 1, N by 1, 1 by N, or N by N configurations.



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Low Loss Photonic Circuits

From: LIGENTEC SA

LIGENTEC is your manufacturing partner for Photonic Integrated Circuits. We provide next generation PICs for customers in areas such as Quantum, LiDAR, Sensing, and Communications. LIGENTEC commercializes the all-nitride-core technology from prototype to volume. The PIC offers extremely low propagation losses, small footprint and modules for low loss optical coupling to fibers. An established Process Design Kit gives you access to a variety of building blocks and fabrication stacks.

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