



Photonics Showcase

[Multi-Wavelength Laser Diode Modules](#)

From: AKELA Laser Corporation

Versatile lines of multi-wavelength and high-power fiber-coupled laser diode modules for medical and industrial applications combining emitters from 375 to 2000 nm. Over fifty standard module designs and wavelengths combinations. Limitless potential custom configurations. Quick prototyping. One module, multiple applications. Seamless and fast transition from pilot batches to volume production.

[Visit Website](#)

[Request Info](#)



[Hyperspectral Intelligence](#)

From: Cubert GmbH

Cubert's ULTRIS cameras capture the full spectrum in one shot — no scanning, no delay. This real-time hyperspectral imaging is a game-changer for precision tasks in agriculture, medical diagnostics, and material analysis. It solves the need for fast, accurate data with compact, scalable systems. From drones to labs, VNIR to SWIR, enabling photonics innovation across research, industry, and OEMs. Hyperspectral Intelligence. Real-Time.

[Visit Website](#)

[Request Info](#)



[High-Sensitivity, Low-Noise APDs](#)

From: Hamamatsu Corporation

Hamamatsu's newest APDs, the S17353 series, feature improved sensitivity from short wavelengths to 800 nm. While they offer high sensitivity in the short wavelength region, they also achieve high gain at longer wavelengths compared to conventional APDs, while maintaining low noise levels. The six-product lineup is ideally suited for very low-level light measurement applications and analytical instruments that require a wide wavelength range.

[Visit Website](#)

[Request Info](#)



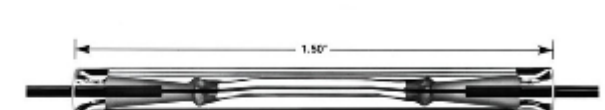
[Norland Optical Splice](#)

From: Norland Products Inc.

Norland's optical splice provides a high-performance connection for optic fibers in a unique one-piece design.

[Visit Website](#)

[Request Info](#)



[Fiber-Coupled Square Beam Diode](#)

From: PhotonTec Berlin GmbH

Introducing the cutting-edge Fiber-coupled Diode Laser with a Square Beam Profile. This product is designed to deliver precision and reliability, making it an ideal choice for various OEM applications. The laser is available at 450nm, 808nm, 915nm, 980nm and 1064nm, providing versatility for diverse applications. With a maximum optical power of 300W CW, this diode laser ensures robust performance, meeting the demanding needs of modern technology.

[Visit Website](#)

[Request Info](#)



[FX Hyperspectral Cameras](#)

From: Specim, Spectral Imaging Ltd.

Specim FX series hyperspectral cameras deliver rapid, non-contact material analysis, enabling real-time classification based on chemical composition. With high-speed line-scan imaging and spectral coverage from 400 nm to 12.3 μm , they are ideal for industrial machine vision applications such as food quality control, waste sorting, and mineral exploration. Their compact design and standard interface ensure easy integration into production lines.

[Visit Website](#)

[Request Info](#)



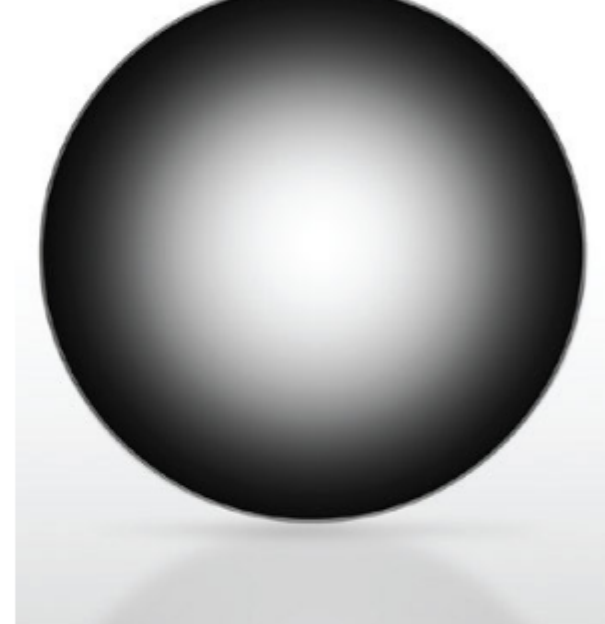
[Bullseye® Apodizing Filters](#)

From: Reynard Corporation

Bullseye® Apodizing Filters radially modify beam distribution in optical systems. Standard Gaussian or customized filters inserted in line with a light source reduce undesirable intensity variations. Configurations include both dark-in-the-center, typically used to reduce low-frequency variations or create top-hat wave fronts, and clear-in-the-center functions, typically used to reduce high-frequency variations outside of the main beam profile. ISO9001:2015, ITAR, Cybersecurity compliant.

[Visit Website](#)

[Request Info](#)



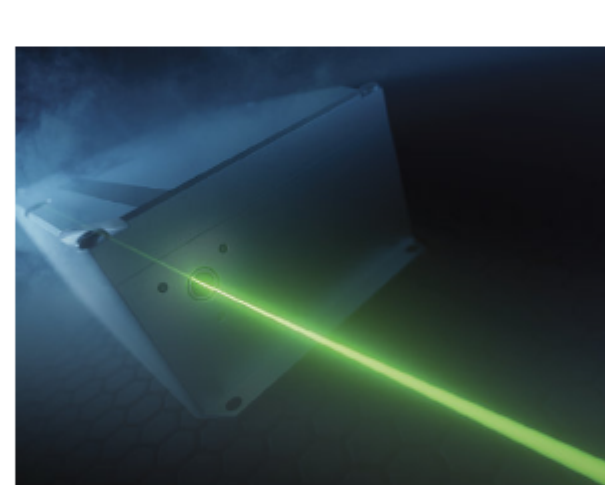
[New Novanta GEMultra DPSS Laser](#)

From: Novanta Photonics, Precision Medicine & Manufacturing

Overcome DPSS 532 nm laser specification breakdown and sub-par performance with stable power output despite changes in operating or ambient temperatures. Engineered for the extreme with temperature fluctuation protection, greater power output, and impressive spectral stability from the new air-cooled design. The ideal solution for in-line Raman spectroscopy, metrology, and semiconductor inspection applications.

[Visit Website](#)

[Request Info](#)



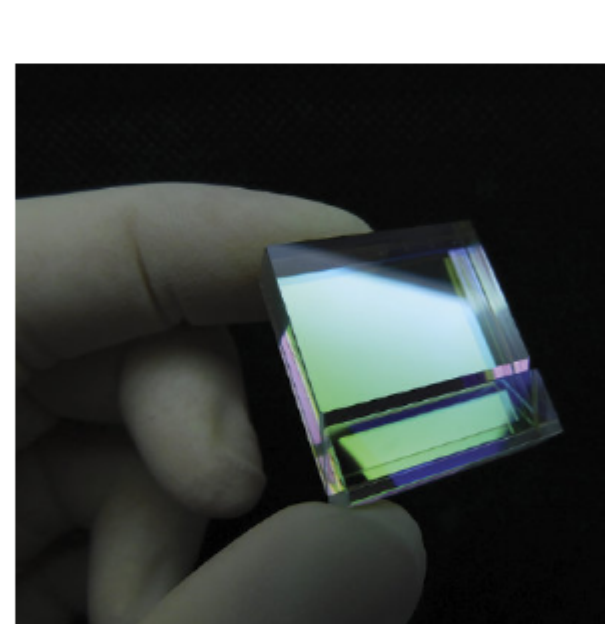
[The VIPA: A Resolution Revolution](#)

From: LightMachinery Inc.

To resolve spectral features at 0.5 picometers, traditional echelle spectrometers need to be massive — four to five times larger than the HyperFine Spectrometer from LightMachinery. VIPAs pack high angular dispersion into an ultra-compact form, enabling LightMachinery's HyperFine Spectrometers to deliver echelle-level resolution in a fraction of the footprint (and cost) — with higher throughput and faster acquisition.

[Visit Website](#)

[Request Info](#)



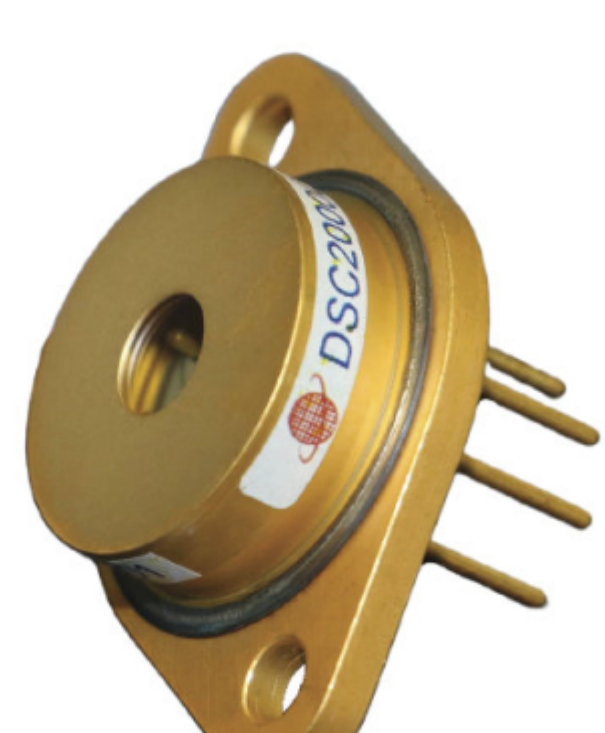
[Quad Photodiodes and Photoreceivers](#)

From: Discovery Semiconductors Inc.

Discovery Semiconductors' patented Shortwave Infrared (SWIR) quadrant photodiode technology not only provides resilience to radiation, but also leads to ultra-low noise performance & low crosstalk. The TIA design lends itself to customzation. Applications include Gravitational Wave Sensing, Satcom Links, and Position Sensing. Extensive Reliability & Radiation testing done.

[Visit Website](#)

[Request Info](#)



[872 Series Laser Wavelength Meter](#)

From: Bristol Instruments Inc.

The 872 Series High-Resolution Laser Wavelength Meter is ideal for the frequency stabilization of lasers. Offering a frequency resolution as high as 200 kHz, the 872 Series provides exceptional sensitivity to wavelength deviations. With a built-in PID controller and 1 kHz sustained measurement rate, the 872 Series is well suited to precisely stabilize lasers used in applications such as atomic cooling and trapping.

[Visit Website](#)

[Request Info](#)



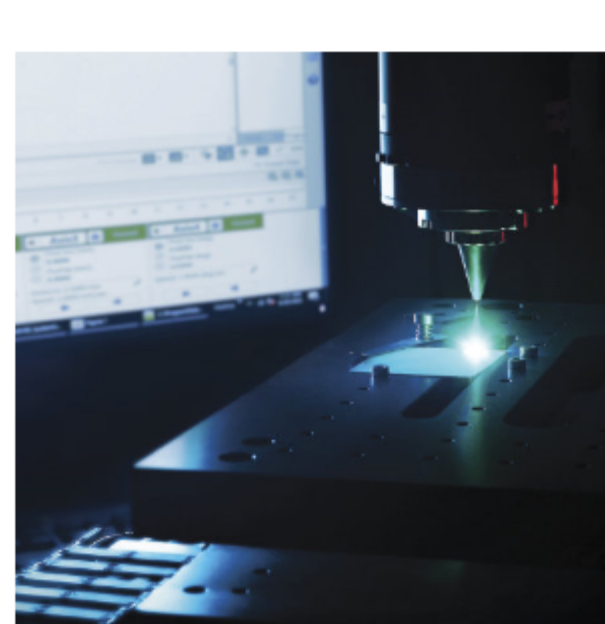
[Optimize Galvo Laser Drilling Motion](#)

From: Aerotech Inc.

Optimize step and settle motion for laser drilling and achieve maximum performance for any move size with zero move delay. Aerotech galvo scanners use advanced control capabilities like DrillOptimizer to perform percussion drilling with high-dynamic point-to-point motion without sacrificing quality. Maximize throughput, cut cycle times and enhance part quality with Aerotech.

[Visit Website](#)

[Request Info](#)

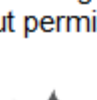


We respect your time and privacy. You are receiving this email because you are a Photonics Media subscriber, and/or a member of our website, Photonics.com. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949
© 1996 - 2025 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office.
Reproduction in whole or in part without permission is prohibited.



LAURIN PUBLISHING