

PHOTONICS SHOWCASE



Bi-monthly product-focused newsletter with highlights from the latest issue of Photonics Showcase. Use the Request Info links below to ask for more information about these products, or visit Photonics.com/rssc. Manage your Photonics Media membership at Photonics.com/subscribe.

.: Featured Products

[ICE Cube – Wire Grid PBS](#)

From: **Meadowlark Optics Inc.**

This polarizing beamsplitter (PBS) cube is optimized for use over a wide range of acceptance angles and maintains color uniformity and image contrast in the visible wavelength ranges. The ICE Cube polarizer's performance exceeds that of the commonly used thin-film MacNeille cubes. For more information, please contact one of our solution engineers today!



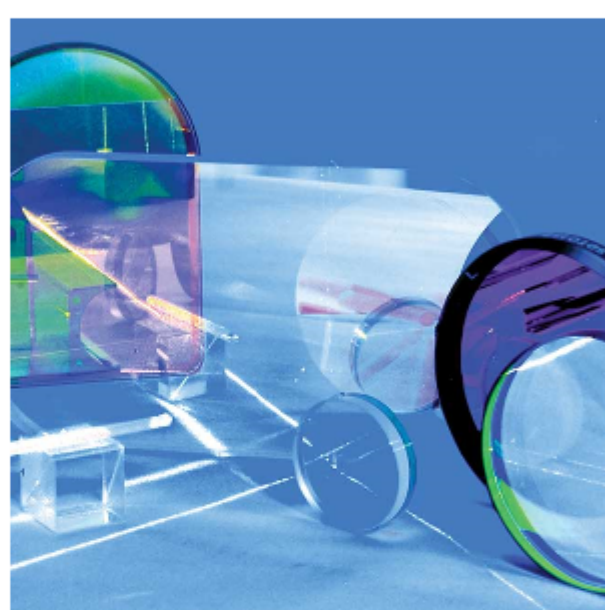
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[Thin Films and Optical Assembly](#)

From: **Applied Optics Center (AOC)**

The Applied Optics Center has been and continues to be one of the preeminent suppliers of laser blocking and absorbing filters as well as optical assemblies to both the U.S. military and commercial industry. Five 2-meter coating chambers, along with various 1-meter and 1/2-meter chambers, place AOC in a unique position with regard to coating capacity. A wide variety of coatings on various substrates can be designed.



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[Multi-Immersion Objectives](#)

From: **Applied Scientific Instrumentation Inc.**

ASI and Special Optics have developed two dipping objective lenses designed for light sheet microscopy of cleared tissue (ct) samples. Both work in all media without a correction collar due to a unique curved first surface. They're robust to harsh media, including DBE and BABB, and have NAs of 0.4 and 0.7, with working distances of 12 and 10 mm, respectively.



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.: More Products



[Pulsed MIR Spectrum Analyzer](#)

From: **Bristol Instruments Inc.**
The NEW model 772

spectrum analyzer is for pulsed lasers operating from 1 to 12 μm . It measures wavelength to an accuracy of ± 10 parts per million, and bandwidth and longitudinal mode structure to a resolution of 4 GHz, providing the ideal solution for scientists and engineers who need to know the spectral...

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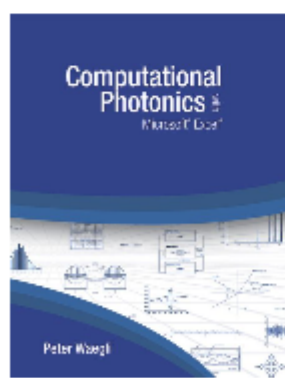
[Custom Patterned Optics](#)

From: **Reynard Corporation**
Custom patterned optical coatings on complex optics with geometries as small as 5 μm , on substrates up to 18 in. in diameter, using our

photolithography process on glass, certain plastics, and ceramics to produce a variety of shapes. Applications include alignment test and reference patterns, heated windows, patterned filters, polka dots,...

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[Computational Photonics with Microsoft® Excel®](#)

From: **Photonics Media**

This book shows how Excel — readily available on almost every computer — can be used to study photonics problems and to design, analyze, and optimize photonics applications. Excel comes with all the necessary ingredients: a full range of mathematical functions, excellent graphics..

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[Distance Image Sensors](#)

From: **Hamamatsu Corporation**
These new back-thinned distance image sensors measure distance using a

time-of-flight (TOF) method. With high sensitivity in the near-infrared region, these sensors are suitable for various applications, such as touchless interfaces, obstacle detection, shape recognition, and motion capture. They are available in a 64-pixel linear array (S15452-01WT),...

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