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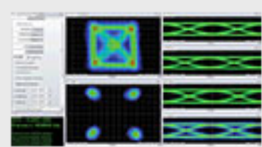
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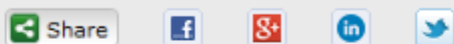
November 2015

### Optimization of a Coherent OMA Acquisition System



Sophisticated testing instruments, as well as integrated calibration and error correction software (or stand-alone software systems), can evaluate today's complex designs. Such tools position designers to successfully tackle challenges in the even faster data environment of the future.

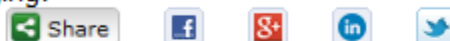
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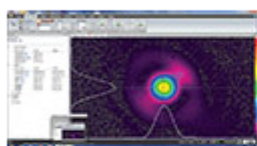
### Camera Technology Takes to the Skies

Astronomical imaging techniques have advanced, enabling the viewing and recording of more features of the universe. Camera and sensor selection are key for applications such as solar astronomy, exoplanet detection and speckle imaging.

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### The Near and Far of Measuring Small-Beam MFD



Proven techniques can effectively overcome challenges faced in profiling beams less than 10 μm in size. Accurate beam size measurements at these sizes are critical in applications such as fiber optic coupling efficiency, defect scanning and optical design.

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### Next-Generation Solar Technology: Thin Is In

Thin-film solar cell technology has ramped up improvements in efficiency in recent years, and will play a major part in the upcoming boom in the photovoltaic industry.

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### Featured Products



#### Permafect II Reflectance Targets

Labsphere, Inc., Photonics Labsphere's Permafect II durable diffuse reflectance targets, ranging from 5% to 94% reflectance values, enable users to characterize and calibrate their products over a broad range of ambient conditions.

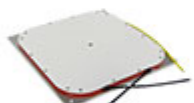
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#### Meridian™ Production Camera Testing

Optikos Corporation  
The proliferation of small aperture camera technology in small aperture devices such as webcams, vehicle cameras, and cell phones has created a need for high-speed optical test equipment that is capable of qualifying the alignment and focus of a camera in just a single snapped frame.

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#### TruMode™ Fiber Laser Cavities

OFS  
OFS has been developing and manufacturing high power components and modules since the early years of fiber lasers.

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#### Fiber Optic LED Light Source

USHIO America, Inc.  
The Midori™ ULB-35i LED light source series combines state-of-the-art, solid-state illumination technology with Ushio's distinctive optical design to create a compact and lightweight fiber-optic lightbox with very high output efficacy that is ideal for industrial applications where space is a premium.

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#### New Controller for Piezo Motors

MICROMO  
MICROMO is pleased to announce that PiezoMotor Uppsala AB (Sweden), leading provider of linear and rotary high end positioning systems, is announcing the latest drive option for the high precision Piezo LEGS® motor series.

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#### PixClear 4-pack in Ethyl Acetate

Pixelligent Technologies  
Pixelligent, the leader in high-index materials, is proud to announce the release of a new line of products that ease integration with applications such as Display and Printed Electronics and offer the same benefits to device performance.

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#### Sub-miniature Resonant Scanner

Electro-Optical Products Corp.  
The fixed frequency resonant optical scanner deflects a light beam with a continuous sinusoidal motion.

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#### MicroMate 3:1 Zoom Ratio

Navitar, Inc.  
The MicroMate was designed specifically to work with today's high resolution 4/3" sensor cameras.

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