

PRESS RELEASE
FOR IMMEDIATE RELEASE

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Announcing a New Femtosecond Pulsed Laser Beam Combiner that Enables Deeper Tissue Imaging

BrightLine® Multiphoton LaserMUX™ Beam Combining Filters optimized for optogenetics

Rochester, NY, Sep 27th, 2016 – Semrock, a division of IDEX Health & Science, LCC, the global authority in fluidics and optics for the life sciences market, introduces their new Multiphoton LaserMUX beam combiners that enable deeper tissue imaging and improved contrast in multi-color and multi-modal fluorescence microscopy. The filters set new performance standards by simultaneously achieving high transmission, high reflection, and low GDD over both reflection & transmission, while maintaining minimal wavefront distortion. Ideal for combining two femtosecond pulsed laser beams, they are perfect for optogenetics and other life science applications.

“These beam combining filters allow users to achieve higher transmission and reflection levels over an expanded wavelength range, with wavefront performance that is optimized for deep tissue and in vivo imaging” says Prashant Prabhat, PhD, Semrock’s Catalog Business Line Leader. Visit <https://www.semrock.com/multiphoton-lasermux.aspx> for more information about the BrightLine® Multiphoton LaserMUX™ Beam Combining Filters.

About Semrock

Semrock, a unit of IDEX Health & Science, LLC, based in Rochester, NY, manufactures spectrally complex optical filters that set the standard in performance, quality and reliability for the life science, point-of-care, clinical diagnostic, and analytical instrumentation industries. All Semrock optical filters are made with hard-coated sputtered thin-film coatings. Patented products include the BrightLine® fluorescence filters, RazorEdge® Raman spectroscopy filters, StopLine® notch filters, VersaChrome® tunable filters, Polarization bandpass filters, and PulseLine™ femtosecond optics. OEMs and end-users benefit from high volume customized optics as well as a wide selection of standard catalog products available for same day shipment. Orders for Semrock catalog products received by noon (EST) are shipped the same day. Custom sized catalog filters are available in less than a week. Standard catalog products are guaranteed to meet customer needs with a 30-day, no-hassle return policy and covered by a ten-year warranty. Semrock is ITAR registered and certified to the ISO 9001:2008 standard.

About IDEX Health & Science LLC

IDEX Health & Science is *the* global authority in fluidics and optics, bringing life to advanced optofluidic technologies with our products, people and engineering expertise. We are respected worldwide for solving complex problems and delivering complete path innovation for analytical, diagnostic and biotechnology applications for the life sciences market. As a genuine and trustworthy partner, we solve our customers' most demanding challenges with the industry's most extensive portfolio of state-of-the-art components and capabilities that are unrivalled in breadth, quality, performance and design. Our vision of the complete path goes far beyond just meeting our customers' needs — it anticipates them, with *intelligent solutions for life*.

Product offerings include: connections, valves, pumps, degassers, column hardware, manifolds, flow cells, microfluidic consumables, sensors, integrated fluidic systems, optical filters, lenses, shutters, laser & light engines, and integrated optical systems. For more information, visit: www.idex-hs.com