



NEWS RELEASE

API Nanotronics Introduces High Performance Polarizing Beam Splitter/Combiners from its [NanoOpto](#) Division

SOMERSET, NJ--(MARKET WIRE)--September 8, 2008 -- API Nanotronics Corp. (OTC BB: APIO) wishes to announce that its wholly owned [NanoOpto](#) division is pleased to introduce a new high performance polarizing beam splitter/combiner (PBS/C). The devices are used to combine light from two input beams into a single output beam (PBC mode) or to separate the orthogonal polarization components of an input signal into two output beams (PBS mode).

These advanced optical devices are optimized for operation at either 1310 nm or 1550 nm with the following specifications:

	Extinction Ratio	Transmission
Transmission channel (Tx)	>1000:1 (>30dB)	>95.5% (IL=0.2dB)
Reflection channel (Rx)	>320:1 (>25dB)	>93.5% (IL=0.3dB)

[NanoOpto's](#) PBS/C are nanofabricated directly on thin glass substrates using proprietary processes, resulting in a product with a small form factors and great shape and size versatility, in contrast to conventional large crystal PBS/C products. The [NanoOpto](#) devices can be produced on BK7, SBL7, or similar substrates with thicknesses ranging from 0.2 mm to 1.6 mm and sizes from 0.5mmX0.5mm to 15mmX15mm. The operating range is -40 to 80°C. Custom specifications and larger sizes are also possible.

[NanoOpto's](#) PBS/C have applications in telecom, scientific equipment such as Raman amplifiers, polarization division Mux/DeMux, polarization switches, variable optical attenuators, and general fiber networks.

Pricing at 100 piece quantity of a 15mmX15mm square 1310 nm or 1550 nm PBS/C on BK7 substrate is \$625. Our PBS/C with Rx of 100:1 are still available.

Find out more about NanoOpto at: www.nanoopto.com

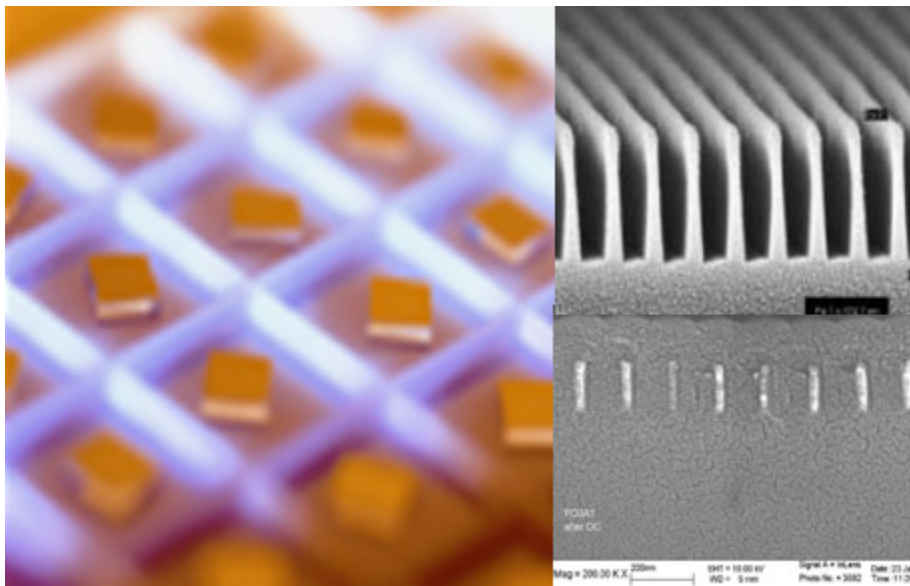
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Notice Regarding Forward-Looking Statements

This press release may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All forward-looking statements are subject to certain risks, uncertainties and assumptions. These risks and uncertainties, which are more fully described in API's Annual and Quarterly Reports filed with the Securities and Exchange Commission, include changes in market conditions in the industries in which the Company operates. Should one or more of these risks or uncertainties materialize, or should the assumptions prove incorrect, actual results may vary in material aspects from those currently anticipated.

(Photo submitted separately)



High Performance PBS/C utilizes nanometer-scale grating arrays and atomic layer deposition (ALD) for excellent optical performance and environmental stability.

Source: API Nanotronics Corp.