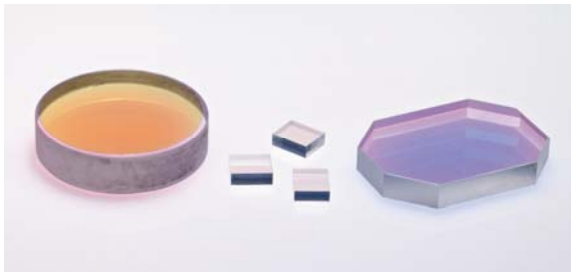
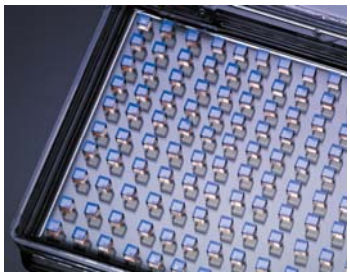
precisionphotonics

PPC introduces Standard and Custom Waveplates

BOULDER, Colorado (September 14,2009): In response to increased demand for stand-alone waveplate components and complex polarization assemblies, Precision Photonics Corporation (PPC) has recently added standard 1064 nm retardation plates to our product inventory. In addition to 1" diameter half-wave and quarter-wave retardation plates, PPC also stocks 4" diameter compound zero order waveplate wafers. These large retarders can be sold as-is, core-drilled or diced to almost any size or shape in just a day or two, and they are already coated with our high energy, low loss ion beam sputtered (IBS) anti-reflection coatings.

PPC manufactures custom multiple order, true zero order and compound zero order crystal quartz and sapphire waveplates in sizes from 1 mm to > 1" for research, semiconductor, biomedical and aerospace applications. Compound zero-order waveplates and multi-element waveplate assemblies use our durable IBS coatings and our proprietary epoxy-free bonding technology—Chemically Activated Direct Bonding™ (CADB®). This unique combination of processes results in superior, high-energy components that exhibit environmental stability, improved transmitted wavefront and reflectivity losses < 0.1% per surface.

All of our waveplates and waveplate assemblies are adhesive free, making them suitable for high power applications with energy densities exceeding 20 J/cm² at 1064 nm.

About Precision Photonics:
Precision Photonics Corporation (PPC) manufactures optical coatings, components and assemblies for applications in telecommunications, defense, aerospace, biomedical, and semiconductor manufacturing by taking advantage of our diverse backgrounds in spectroscopy, precision metrology, and high-volume manufacturing. Whether it's a tight spec, tight delivery or quick ramp up, we work with you to make the impossible possible.

For more information visit PPC at www.precisionphotonics.com or contact:

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