

FOR IMMEDIATE RELEASE



Perkins Precision now Offers High Energy Beam Splitter Cubes

Longmont, CO, November 23, 2015 – Perkins Precision Developments (PPD) is pleased to announce that they are now able to offer adhesive-free, precision beamsplitter cubes for high power laser applications in the visible and near-infrared.

PPD recently developed an [adhesive free optical assembly](#) process as an alternative to existing epoxy based techniques specifically for those photonics applications where outgassing and laser damage threshold are primary concerns. Utilizing this process along with their [ion-beam-sputtering \(IBS\)](#) coating capability and [advanced manufacturing](#), PPD is now able to offer high-precision polarizing and non-polarizing prism assemblies with high transmission, high extinction ratio and $\lambda/10$ wavefront quality.

Says Jay Perkins, owner and CEO: “Developing an assembly capability that is strong enough to withstand multiple coating and processing steps is something that we’ve wanted to do for some time. The new beam splitter cube product line is a direct result of that effort and is an achievement that our whole team should be proud of. Our customers indicated a need for better polarizers to use with the laser mirrors and other precision optics that we provide to them, and we believe these assemblies will exceed their expectations.”

PPD’s custom high-energy [beam splitter cubes](#) are currently available for single and narrow-band laser wavelengths from 355nm to 2000nm and in sizes from 3 x 3 mm³ to 15 x 15 mm³.



About Perkins Precision:

PPD provides custom laser optics and thin film coatings using advanced fabrication techniques and with an emphasis on consistency, quality and customer service. Target applications include semi-conductor test and inspection equipment, high energy laser systems, material processing, medical instrumentation, telecommunications, aerospace, security and defense.

For more information visit PPD at www.perkinsprecision.com or contact:

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