

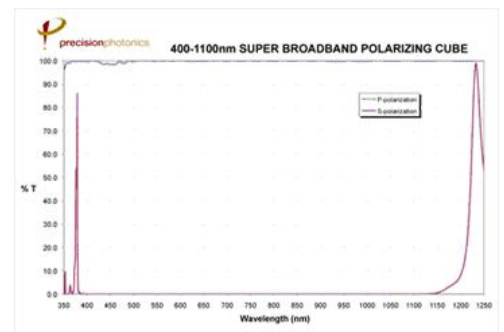
# PRESS RELEASE

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## Broadband Low Dispersion Polarizers & Super Broadband Polarizing Beamsplitter Cubes

Evry, Head Office

BFI OPTiLAS, Pan-European partner of Precision Photonics, now offers a new range of broadband low dispersion polarizers and super broadband polarizing beamsplitter cubes. Those beamsplitter cubes are derived from a unique combination of IBS coatings, ultra-precise fabrication capabilities and patent-pending, epoxy-free bonding technology-Chemically Activated Direct Bonding™ (CADB®) which results in a zero-bondline, zero residue interface at the hypotenuse. Thus, they are environmentally stable and exhibit high laser damage thresholds in both reflection and transmission, making them ideal for high-power broadband Nd:YAG and fiber laser applications where fluencies are greater than 500 mJ/cm<sup>2</sup> and calcite or cemented cube polarizers cannot be used.



Our low dispersion design offers an epoxy-free, broad bandwidth from 700-1000 nm with a low GVD, dielectric coating specifically designed for femtosecond laser applications. The super broadband polarizer cube maintains a > 500:1 extinction ratio throughout the entire Visible to Near Infrared (400-1100 nm) without sacrificing overall transmission or damage threshold (> 6J/cm<sup>2</sup>!)

### About BFI OPTiLAS

BFI OPTiLAS is a pan-European technical distributor of specialist products and services, including design-engineering support, to the electronics and Photonics markets. BFI OPTiLAS focuses on niche technology products such as magnetic, lasers, sensors, connectors, electro-optics, imaging, fiber optics, RF & microwave and other specialty components, systems, assemblies and metals. Some 210 sales engineers and other staff are employed at 12 offices throughout Europe.

BFI OPTiLAS International SAS, 4 Allée du Cantal, CE 1834, 91018 Evry, France.

Phone: +33 1 60 79 59 00, Fax: +33 1 60 79 89 70. [www.bfioptilas.com](http://www.bfioptilas.com) - Email: [info@bfioptilas.com](mailto:info@bfioptilas.com)