



 (855) 662-0306

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## Efficient Nonlinear Materials & Polarization Components

### Nonlinear Materials

KTP or Potassium Titanyl Phosphate (KTiOPO<sub>4</sub>) has unique properties high nonlinear coefficient, high damage threshold and non-hygroscopicity which make it an ideal candidate to use in demanding laser applications such as doubling (1064/532nm) OPO (1064/1540nm) and waveguides (IR to UV). DMI supplies both top seeded solution and hydrothermal crystal grown materials. Selection is driven by laser fluency. Apertures of 2x2 to 20x20mm with lengths to 40mm are possible.

- LBO or Lithium Triborate (LiB<sub>3</sub>O<sub>5</sub>)
- BBO or Beta-Barium Borate ( $\beta$ -BaB<sub>2</sub>O<sub>4</sub>)
- Other materials available include BiBO, KLN and BaTiO<sub>3</sub>

### Polarization Components

Quartz, Cr:YAG, Co: Spinel

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