

RAICOL
CRYSTALS

PPKTP

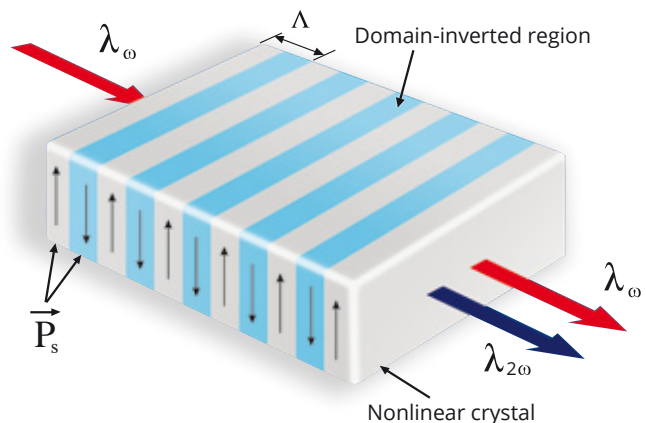
Periodically Poled KTP



It can be tailor-made for all nonlinear applications within the transparency range of KTP, without the phase matching limitations of birefringent matching used in regular KTP interactions. Its effective nonlinear coefficient is about three times larger than that of bulk KTP. Raicol has more than 20 years' experience in developing and manufacturing PPKTP for various applications. The company pioneered an original manufacturing process that has allowed reliable supply of PPKTP over the years. Raicol offers PPKTP in large production quantities, as well as small quantities for R&D activities.

Advantages

- Highest nonlinear coefficient
- Free of Walk-Off
- Large quantities for OEM mass-production as well as small quantities for R&D
- Broad phase-matching range
- Type 0 or type II interaction



Common Applications

SHG, FHG, DHG and OPO applications from visible up to mid IR