

## KDP CRYSTALS

Potassium Dihydrogen Phosphate (KDP) are among the most widely-used commercial NLO materials. It is commonly used for doubling, tripling and quadrupling of Nd:YAG laser at the room temperature. In addition, also excellent electro-optic crystals with high electro-optic coefficients, widely used as electro-optical modulators, Q-switches.



### Specification

Angle Tolerance	<10'
Dimension Tolerance	± [ 0.05 - 0.2 ] mm
Flatness	λ/8 @ 633nm
Scratch/Dig Code	20 / 10
Parallelism	better than 20 arc seconds
Perpendicularity	< 10 arc minutes
Wavefront Distortion	less than λ/8 @ 633nm
Clear Aperture	> 90% central area
Working Temperature	25°C