

KTA CRYSTAL

WISOPTIC Advantages of KTA

- High homogeneity, excellent internal quality
- Top quality of surface polishing
- Large block for various size (e.g. 10x10x30mm³, 5x5x35mm³)
- Large nonlinear coefficient, high conversion efficiency
- Broad transparency range, large temperature matching width
- AR coatings for wave range from visual light to 3300 nm
- Very competitive price, quick delivery

WISOPTIC Standard Specifications* of KTA

Dimension Tolerance	± 0.1 mm
Cutting Angle Tolerance	< ± 0.25°
Flatness	< λ/8 @ 632.8 nm
Surface Quality	< 10/5 [S/D]
Parallelism	< 20"
Perpendicularity	≤ 5'
Chamfer	≤ 0.2mm @ 45°
Transmitted Wavefront Distortion	< λ/8 @ 632.8 nm
Clear Aperture	> 90% central area
Coating	AR@1064nm(R<0.2%) & 1533nm(R<0.5%) & 3475nm(R<9%) or upon request
Laser Damage Threshold	500 MW/cm ² for 1064nm, 10ns, 10Hz (AR-coated)

* Products with special requirement upon request.

CONTACT **WISOPTIC** FOR THE BEST SOLUTION FOR YOUR APPLICATION OF **KTA** CRYSTALS.