

KTP CRYSTAL

WISOPTIC Advantages of KTP

- High homogeneity, excellent internal quality
- Top quality of surface polishing
- Large block for various size (20x20x40mm³, max length 60mm)
- Large nonlinear coefficient, high conversion efficiency
- Low insertion losses
- Very competitive price
- Mass production, quick delivery

WISOPTIC Standard Specifications* of KTP

Dimension Tolerance	± 0.1 mm
Angle Tolerance	≤ ± 0.25°
Flatness	< λ/8 @ 632.8 nm
Surface Quality	< 10/5 [S/D]
Parallelism	< 20"
Perpendicularity	≤ 5'
Chamfer	≤ 0.2 mm @ 45°
Transmitted Wavefront Distortion	< λ/8 @ 632.8 nm
Clear Aperture	> 90% central area
Coating	AR coating: R<0.2% @ 1064nm, R<0.5% @ 532nm
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 **KTP** CRYSTALS.