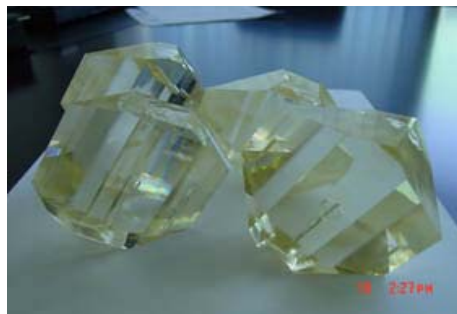


KTP

KTP is the most commonly used material for frequency doubling of Nd:YAG lasers and other Nd doped lasers, particularly at the lower to medium power density level.



KTP Specifications

Flatness	$\lambda/8$ at 633nm
Scratch/Dig Code	10/5 to MIL-O-13830A
Parallelism	< 20 arc seconds
Perpendicularity	5 arc minutes
Angle Tolerance	$\Delta\theta < \pm 0.5^\circ$, $\Delta\phi < \pm 0.5^\circ$
AR Coating	$R < 0.2\%$ at 1064nm and $R < 1.0\%$ at 532 nm
Wavefront Distortion	$< \lambda/4$ at 633nm
Dimension Tolerance	(W ± 0.1 mm) x (H ± 0.1 mm) x (L ± 0.2 mm/- 0.1 mm)
Clear Aperture	> 90% of central area

Standard Products

Part No.	Dimension	Application	Coating	Type
KTP2203	2 x 2 x 3 mm ³	SHG at 1064 nm	AR / HR	II
KTP2205	2 x 2 x 5 mm ³	SHG at 1064 nm	AR / AR	II
KTP2305	3 x 3 x 5 mm ³	SHG at 1064 nm	DBAR-coating	II
KTP2310	3 x 3 x 10 mm ³	SHG at 1064 nm	DBAR-coating	II
KTP2705	7 x 7 x 5 mm ³	SHG at 1064 nm	DBAR-coating	II
KTP2805	8 x 8 x 5 mm ³	SHG at 1064 nm	DBAR-coating	II
KTP2907	9 x 9 x 7 mm ³	SHG at 1064 nm	DBAR-coating	II
KTP0720	7 x 7 x 20 mm ³	OPO for 1064 nm -1570 nm	AR	II

- AR Coating: AR at 1064nm & 532nm; HR Coating: HR at 1064 nm & HT at 532 nm.
- One-year warranty for all products under proper use.