



Typical Specifications:

Apertures	up to 50 x 50 mm ²
Length	up to 40 mm along X axis
Flatness	Up to $\lambda/10$
Roughness	<3Å RMS
Parallelism	Up to 5 arc sec.
Perpendicularity	Up to 5 arc min.
Scratch/dig	2/1 up to 0/0 per custom demand
AR coatings	dual band R < 0.1%
Absorption coefficient	<Bulk (1064nm) = 2-4 ppm/cm <Surface (1064nm) = 1-2 ppm <Bulk (532nm) = 8ppm/cm <Surface (532nm) = 1-2 ppm
Wave front distortion control	$\lambda/8@ 633 \text{ nm}$
Guaranteed Damage threshold	800 MW/cm ² at 1064 nm 500 MW/cm ² at 532 nm 300 MW/cm ² at 355 nm For 10 ns pulses

Raicol Crystals, founded in 1995, is a global leader in nonlinear and EO crystals growth, fabrication and assembly. Raicol offers a unique set of benefits to its customers:

- 50 years of crystal growth experience
- The global pioneers of RTP, HGTR KTP and PPKTP crystals and assembly
- One-stop shop, from crystal growth through coating to EO Cell assembly
- Mass-production capabilities as well as small R&D quantities
- Fast delivery time
- Unmatched crystal quality