

## Typical Specifications for OPO 1064 to 1570 nm

Aperture	Up to 30 x 30 mm <sup>2</sup>
Orientation	$\Theta = 90^\circ$ $\varphi = 0^\circ$
Absorption coefficient	$\alpha < 50$ ppm cm <sup>-1</sup> at 1064 nm
Length	Up to 40 mm along X axis
Flatness	$\lambda/10$
Optical wedge (polarization along Y axis)	10 arc min.
Perpendicularity	10 arc min.
Scratch/dig	10/5
AR coatings	dual band R < 0.2 %
Wave front distortion control	$\lambda/5$
Guaranteed damage threshold	600 MW/cm <sup>2</sup> (with coating) at 1064 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 know-how and 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
- Custom designs upon request, different housing options available