



Typical Specifications for BBO

Aperture	Up to 15 x 15 mm
Length	Crystals up to 20 mm
Flatness	Up to $\lambda/10$
Perpendicularity	Up to 5 arc min.
Parallelism	Up to 5 arc sec.
Scratch/dig	10/5
AR coatings	dual band R < 0.2 %
Absorption coefficient	< 50ppm cm ⁻¹ at 1064nm < 100ppm cm ⁻¹ at 532nm
Wave front distortion control	$\lambda/8$ at $\lambda = 0.633\mu\text{m}$
Guaranteed damage threshold	1 GW/cm ² at 1064 nm 500 MW/cm ² at 532 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