

a-BBO CRYSTALS

High temperature phase of a-BBO Crystal(BaB2O4) is an excellent birefrigent crystal.It is characterized by large birefringent coefficient and wide transmission window ranged from 189nm to 3500nm. Because of its high chemical stability and medium hardness, a-BBO is easy to be fabricated into many kinds of optical components.



Specification	
Diameter	max 40 ~ 50mm
Length	max 25 ~ 35mm
Beam Deviation	< 3 arc min
Optical Axis Orientation	+/-0.5°
Flatness	λ/4 @632.8nm
Transmission Wavefront Distortion	<λ/2 @632.8nm
Coating	Per customer's specification
Wavefront Distortion	better than I/2 per inch@1064nm

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