

Grown in France,
manufactured in France, sold worldwide



BAIKOWSKI



Ceramic Nd:YAG

Advantages over single crystals

- Much larger apertures available
- Higher possible dopant concentration
- Better dopant concentration control with no gradient
- Stronger resistance to fracture and mechanical stresses
- Higher optical homogeneity
- Versatile composite designs available without bonding process

Specifications

+ Max aperture	100x350mm
+ Maximum dopant concentration	Nd : 4%
+ Doping gradient	No
+ Dopant concentration tolerance	+/-0.02%
+ Optical homogeneity	No bulk striations
+ Composite products	Yes co-sintered
+ Special shapes	Upon request
+ Resistance to mechanical stress	1.5x higher than single crystal
+ Resistance to fracture	4x higher than single crystal
+ Extinction ratio	>25dB

Nd:YAG Disk

Φ100x10mm



Nd:YAG Disk (Sm:YAG cladding)

Φ80-100x10mm



Cristal Laser distributes Baikowski's ceramic products **in Europe**.

For more information, please contact:
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