

4.5. Er:KYW Laser Crystals

Code	Name	Material	Concentration	Height (mm)	Width (mm)	Length (mm)	Shape	End Surfaces	Coating	Price	Currency
LAC30	Laser crystal	Er:KYW	0,5-100,0 Er atm.%	5	5	20	Rectangular		uncoated	174,000	JPY

4.6. Yb:KYW/KGW Laser Crystals



Yb doped Potassium Gadolinium Tungstate single crystals are the new laser crystals for diode or laser pumped solid-state laser applications.

Yb:KGW crystals are used as lasing materials to generate ultrashort high power pulses. Yb:KGW can be used as ultrashort pulses amplifiers and these crystals are one of the best materials for high power thin disk lasers.

Standard specifications

Shape: rectangular or round

End surfaces: Right angle cut or Brewster cut

When Ordering please specify

Shape: rectangular or round

Dimensions: (width x height) or diameter, length mm

Yb-concentration

End surfaces: Right angle cut or Brewster cut

Description of AR coatings on Side 1 and Side 2

Code	Name	Material	Concentration	Height (mm)	Width (mm)	Length (mm)	Shape	End Surfaces	Coating	Price	Currency
LAC31	Laser crystal	Yb:KYW/KGW	typical Yb atm. 5%	5	5	2	Rectangular		AR/AR@980-1060nm	105,000	JPY