

#### 4.4. Nd:KGW Laser Crystals



Nd:KGW crystals are low lasing threshold, highly efficient laser material exceptionally suitable for laser ranging applications.

The efficiency of Nd:KGW lasers is 3-5 times higher than the one of Nd:YAG lasers. Nd:KGW laser medium is one of the best choices ensuring effective laser generation at low pump energies (0.5 - 1 J).

Standard specifications
Shape: rectangular or round
End surfaces: Righth angle cut or Brewster cut

When Ordering please specify
Shape: rectangular or round
Dimensions: (width x height) or diameter, length mm
Nd-concentration
End surfaces: Righth 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
LAC26	Laser crystal	Nd:KGW	3,0-8,0 Nd atm.%	3		15	Round		AR/AR@1064 nm	66,000	JPY
LAC29	Laser crystal	Nd:KGW	3,0-8,0 Nd atm.%	3		35	Round		AR/AR@1064&1350 nm	108,000	JPY
LAC27	Laser crystal	Nd:KGW	3,0-8,0 Nd atm.%	4		50	Round		AR/AR@1064&1350 nm	111,000	JPY
LAC28	Laser crystal	Nd:KGW	3,0-8,0 Nd atm.%	5		50	Round		AR/AR@1064&1350 nm	129,000	JPY
LAC25	Laser crystal	Nd:KGW	3,0-8,0 Nd atm.%	6.25		75	Round		AR/AR@1064 nm	216,000	JPY