

NLO / LASER CRYSTALS



We offer common host crystals such as YAG (Yttrium aluminium garnet) or YVO4 (Yttrium orthovanadate) with various dopants such as Neodymium, Ytterbium, Erbium and Chromium. The ready to use (coated) or uncoated laser rods are manufactured to the highest standards of our crystal technology.



All of the laser components' AR coatings are optimized for high power lasers and are available for the wavelength range from 193 nm to 3000 nm.

Both the bandwidth (depending on the wavelength) and the effectiveness of the coating can be influenced by the various designs and different coating materials. Thus the optimal coating for each application can be made available.

Custom sizes, polished, unpolished, coated and uncoated crystals are available upon request. Please provide us with your detailed specs or drawing so we can provide our most competitive offer.

KTO

KTA

KDP

BBO

LiNbO3

LiTaO3

Cr:YAG

MgO:LiNbO3

YAG Crystals

- Er:YAG
- Nd:YAG
- Yb:YAG
- Cr, Tm, Ho:YAG

YLF Crystals

- Ho:YLF
- Nd:YLF
- Tm:YLF
- Er: YLF

YSGG Crystals

- Er:YSGG
- Er,Cr:YSGG
- Cr,Nd:YSGG
- Cr,Tm,Ho:YSGG

YAP Crystals

- Er: YAP
- Nd: YAP
- Tm: YAP

Other

- Alexandrite
- Ti: Sapphire
- Forsterite
- Nd: YVO4, Diffusion bonded crystals

