

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 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

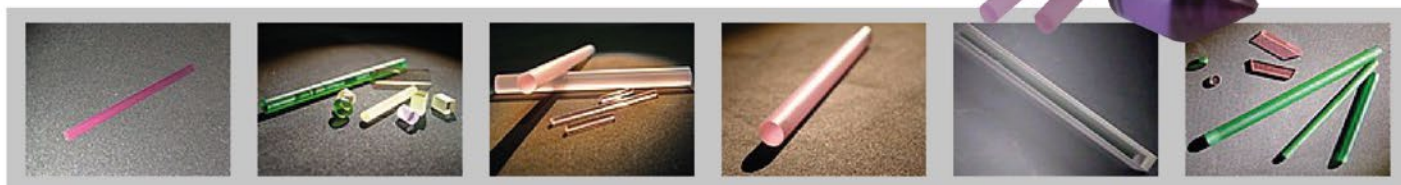
- **YAG Crystals**
 - Er:YAG
 - Nd:YAG
 - Yb:YAG
 - Cr, Tm, Ho:YAG

- **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



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