

## DIFFUSION BONDED CRYSTAL

### WISOPTIC Capabilities of Bonded Crystals

- Various options of dopants and doping ratio
- Various sizes and cuttings (<100>, <110>, <111>)
- Various options of coatings (AR, HR, HT, PR)
- High processing accuracy
- Very competitive price, quick delivery

### WISOPTIC - Standard\* Bonded Crystal

| Material  | Doping Ratio  | Aperture              | Length     |
|---|---|-----------------------|------------|
| YVO <sub>4</sub> + Nd:YVO <sub>4</sub> + YVO <sub>4</sub> | Nd%=0.1%~3.0 atm%                                     | Ø2~15 mm <sup>2</sup> | 0.5~30 mm  |
| YAG + Nd:YAG + YAG  | Nd%=0.1%~1.3 atm%                                     | Ø2~15 mm <sup>2</sup> | 0.5~200 mm |
| YAG + Nd:YAG + Cr <sup>4+</sup> :YAG                      | Nd%=0.1%~1.3 atm%<br>Cr <sup>4+</sup> %=0.5%~3.0 atm% | Ø2~15 mm <sup>2</sup> | 0.5~200 mm |
| Nd:YAG + Cr <sup>4+</sup> :YAG                            | Nd%=0.1%~1.3 atm%<br>Cr <sup>4+</sup> %=0.5%~3.0 atm% | Ø2~15 mm <sup>2</sup> | 0.5~200 mm |

\*Custom design upon request

Contact us for the best solution for your application of bonded crystals.