

# 6 x 6 x 0.9mm, 1030nm SHG, Type I LBO Nonlinear Crystal



6 x 6 x 0.9mm, 1030nm SHG, Type I LBO Nonlinear Crystal, #11-171

Stock #11-171 3-4 DAYS



1



€745,00

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Crystal Type:  
LBO

Design Wavelength DWL (nm):  
1030

Dimensions (mm):  
6.0 x 6.0 +0.0/-0.1

Thickness (mm):  
0.90 +0.0/-0.1

Protective Chamfer:

|                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|
| <0.1mm x 45°                                                                                              |
| <b>Orientation <math>\Theta/\varphi</math> (°):</b><br>90/13.8                                            |
| <b>Coating:</b><br>AR Coating                                                                             |
| <b>Coating Specification:</b><br>S1: 515 & 1030nm AR Coating<br>S2: 515 & 1030nm AR Coating               |
| <b>Parallelism (arcsec):</b><br><20                                                                       |
| <b>Perpendicularity (arcmin):</b><br><5                                                                   |
| <b>Surface Quality:</b><br>20-10                                                                          |
| <b>Surface Flatness (P-V):</b><br>$\lambda/10$                                                            |
| <b>Mount:</b><br>Unmounted                                                                                |
| <b>Typical Applications:</b><br>SHG @ 1030nm, Type I                                                      |
| <b>Type:</b><br>Nonlinear Crystal                                                                         |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>10 J/cm <sup>2</sup> @ 1064nm, 10ns, 10Hz |

### Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 235:</b><br><a href="#">Compliant</a>             |