

TECHSPEC®

# 6.0mm Dia. x 72.0mm FL, YAG-BBAR, Inked, Plano-Convex Lens



YAG-BBAR Coated Plano-Convex (PCX) Lenses



Stock **#88-808-INK** [CONTACT US](#)

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- 1 +

A\$79.20

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Qty 1-9

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Diameter (mm):  
6.00 ±0.025

Effective Focal Length EFL (mm):

|                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 72.00 @ 587.6nm                                                                                                                               |
| <b>Back Focal Length BFL (mm):</b><br>70.97                                                                                                   |
| <b>Coating:</b><br>YAG-BBAR (500-1100nm)                                                                                                      |
| <b>Coating Specification:</b><br>R <sub>abs</sub> <0.25% @ 532nm<br>R <sub>abs</sub> <0.25% @ 1064nm<br>R <sub>avg</sub> <1.0% @ 500 - 1100nm |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BK7</a>                                                                           |
| <b>Surface Quality:</b><br>40-20                                                                                                              |
| <b>Power (P-V) @ 632.8nm:</b><br>1.5λ                                                                                                         |
| <b>Irregularity (P-V) @ 632.8nm:</b><br>λ/4                                                                                                   |
| <b>Focal Length Tolerance (%):</b><br>±1                                                                                                      |
| <b>Centering (arcmin):</b><br><1                                                                                                              |
| <b>Center Thickness CT (mm):</b><br>1.60 ±0.05                                                                                                |
| <b>Edge Thickness ET (mm):</b><br>1.48                                                                                                        |
| <b>Radius R<sub>1</sub> (mm):</b><br>37.22                                                                                                    |
| <b>Clear Aperture CA (mm):</b><br>5.4                                                                                                         |
| <b>f/#:</b><br>12                                                                                                                             |
| <b>Numerical Aperture NA:</b><br>0.04                                                                                                         |
| <b>Type:</b><br>Plano-Convex Lens                                                                                                             |
| <b>Bevel:</b><br>Protective bevel as needed                                                                                                   |
| <b>Wavelength Range (nm):</b><br>500 - 1100                                                                                                   |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br>5 J/cm² @ 532nm, 10ns                                                         |

### Regulatory Compliance

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