

## TECHSPEC® 5.0mm Dia. x 7.5mm FL, Inked, YAG-BBAR Coated Plano-Convex Lens



YAG-BBAR Coated Plano-Convex (PCX) Lenses



Stock #88-789-INK 17 TO 22 D= DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **₹5,090**

**ADD TO CART**

Qty 1-9

₹5,090

Qty 10+

₹4,589

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**Diameter (mm):**  
5.00 ±0.025

**Effective Focal Length EFL (mm):**  
7.50 @ 587.6nm

**Back Focal Length BFL (mm):**  
6.43

**Coating:**  
YAG-BBAR (500-1100nm)

**Coating Specification:**  
R<sub>abs</sub> <0.25% @ 532nm  
R<sub>abs</sub> <0.25% @ 1064nm  
R<sub>avg</sub> <1.0% @ 500 - 1100nm

**Substrate:**   
[N-SF11](#)

**Surface Quality:**  
40-20

**Power (P-V) @ 632.8nm:**  
1.5λ

**Irregularity (P-V) @ 632.8nm:**  
λ/4

**Focal Length Tolerance (%):**  
±1

**Centering (arcmin):**  
<3

**Center Thickness CT (mm):**  
1.90 ±0.05

**Edge Thickness ET (mm):**  
1.34

**Radius R<sub>1</sub> (mm):**  
5.89

**Clear Aperture CA (mm):**  
4.5

**f#:**  
1.5

**Numerical Aperture NA:**  
0.33

**Type:**  
Plano-Convex Lens

**Bevel:**  
Protective bevel as needed

**Wavelength Range (nm):**  
532 - 1100

**Damage Threshold, By Design:**   
5 J/cm<sup>2</sup> @ 532nm, 10ns

## Regulatory Compliance

**RoHS:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)