

## TECHSPEC® 25.4mm Dia. x 150mm FL, 8-12µm BBAR Coated, ZnSe Plano-Convex Lens

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TECHSPEC Zinc Selenide (ZnSe) Plano-Convex (PCX) Lenses

Stock #39-552 10 TO 12 DAYS

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1 **₹33,495.00**

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Qty 1-10

₹33,495.00

Qty 11+

₹30,146.00

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**Diameter (mm):**  
25.40 +0.00/-0.10

**Effective Focal Length EFL (mm):**  
150.00 @ 10.6µm

**Back Focal Length BFL (mm):**  
148.88

**Coating:**  
BBAR (8000-12000nm)

**Coating Specification:**  
 $R_{avg} \leq 0.5\%$  @ 8 - 12 $\mu$ m

**Substrate:**   
Coherent® Infrared ZnSe

**Surface Quality:**  
40-20

**Power (P-V) @ 632.8nm:**  
 $\lambda$

**Power (P-V) @ 10.6 $\mu$ m:**  
 $\lambda$ 10

**Irregularity (P-V) @ 10.6 $\mu$ m:**  
 $\lambda$ 20

**Centering, ETD ( $\mu$ m):**  
 $\leq 12.7$

**Center Thickness CT (mm):**  
2.70  $\pm$  0.10

**Edge Thickness ET (mm):**  
2.32

**Radius R<sub>1</sub> (mm):**  
210.40

**Clear Aperture CA (mm):**  
22.86

**f#:**  
5.91

**Numerical Aperture NA:**  
0.08

**Type:**  
Plano-Convex Lens

**Bevel:**  
Protective bevel as needed

**Wavelength Range (nm):**  
8000 - 12000

**Bulk Absorption Coefficient (cm<sup>-1</sup>):**  
 $< 0.0005$  @ 10.6 $\mu$ m

**Surface Roughness (Angstroms):**  
 $< 50$  RMS

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Reach 224:**  
[Compliant](#)

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

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