

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

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€385,00

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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} ≤0.5% @ 8 - 12μm
Substrate: ☐ Coherent® Infrared ZnSe
Surface Quality: 40-20
Power (P-V) @ 632.8nm: λ
Power (P-V) @ 10.6μm: λ10
Irregularity (P-V) @ 10.6μm: λ20
Centering, ETD (μm): ≤12.7
Center Thickness CT (mm): 2.70 ±0.10
Edge Thickness ET (mm): 2.32
Radius R₁ (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⁻¹): <0.0005 @ 10.6μm
Surface Roughness (Angstroms): <50 RMS

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View