

TECHSPEC® 25.4mm Dia. x 250mm FL, 3-12µm BBAR Coated, ZnSe Plano-Convex Lens

See More by [Coherent®](#)



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

Stock **#11-429** 3-4 DAYS

[Other Coating Options](#)

⊖ 1 ⊕

£416.50

ADD TO CART

Qty 1-10

£416.50

Qty 11+

£374.85

Volume Pricing

[Request Quote](#)

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
25.40 +0.00/-0.10

Effective Focal Length EFL (mm):
250.00 @ 10.6µm

Back Focal Length BFL (mm): 249
Coating: BBAR (3000-12000nm)
Coating Specification: R _{avg} ≤3.0% @ 3 - 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): 2.40 ±0.10
Edge Thickness ET (mm): 2.17
Radius R₁ (mm): 350.67
Clear Aperture CA (mm): 22.86
f/#: 9.84
Numerical Aperture NA: 0.05
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 3000 - 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