

25.4mm Dia. x 76.2mm FL, Uncoated, ISP Optics Calcium Fluoride (CaF₂) DCX Lens | CF-BX-25-76

See More by [ISP Optics](#)



Calcium Fluoride Double-Convex (DCX) Lenses

Stock **#47-058** 3-4 DAYS

-

1

+

£223.55

ADD TO CART

Qty 1+
£223.55

Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
25.40 +0.00/-0.13

Effective Focal Length EFL (mm):
76.20

Coating:
Uncoated

Substrate: Calcium Fluoride (CaF₂)
Surface Quality: 60-40
Clear Aperture (%): 90.00
Centering (arcmin): <3
Bevel: Protective bevel as needed
Center Thickness CT (mm): 4.70
Center Thickness Tolerance (mm): ±0.2
Edge Thickness ET (mm): 2.00
Radius R₁=R₂ (mm): 60.12
Back Focal Length BFL (mm) @ DWL: 74.50
Effective Focal Length EFL @ 0.6328μm (mm): 70.27
Effective Focal Length EFL @ 1.064μm (mm): 70.99
Effective Focal Length EFL @ 2.94μm (mm): 72.71
Effective Focal Length EFL @ 5.0μm (mm): 76.20
f/#: 3.00
Focal Length Specification Wavelength (μm): 5.00
Focal Length Tolerance (%): ±2 @DWL
Numerical Aperture NA: 0.17
Surface Accuracy: 1λ
Type: Double-Convex Lens
Wavelength Range (μm): 0.35 - 7
Wavelength Range (nm): 350 - 7000
Model Number: CF-BX-25-76

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View