

25.4mm Dia. x 63.5mm FL, Uncoated, ISP Optics Calcium Fluoride (CaF₂) DCX Lens |CF-BX-25-63

See More by [ISP Optics](#)



Calcium Fluoride Double-Convex (DCX) Lenses

Stock **#48-018** 3-4 DAYS

-

1

+

€263,00

ADD TO CART

Qty 1+
€263,00

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):
63.50

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): 5.30
Center Thickness Tolerance (mm): ±0.2
Edge Thickness ET (mm): 2.00
Radius R₁=R₂ (mm): 49.89
Back Focal Length BFL (mm) @ DWL: 61.56
Effective Focal Length EFL @ 0.6328μm (mm): 58.57
Effective Focal Length EFL @ 1.064μm (mm): 59.16
Effective Focal Length EFL @ 2.94μm (mm): 60.59
Effective Focal Length EFL @ 5.0μm (mm): 63.50
f/#: 2.5
Focal Length Specification Wavelength (μm): 5.00
Focal Length Tolerance (%): ±2 @DWL
Numerical Aperture NA: 0.20
Surface Accuracy: 1λ
Type: Double-Convex Lens
Wavelength Range (μm): 0.35 - 7
Wavelength Range (nm): 350 - 7000
Model Number: CF-BX-25-63

Regulatory Compliance

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