

25.4mm Dia., 4mm Thick, 30' Wedge, BBAR (2000-5000nm) Coated, ISP Optics Calcium Fluoride (CaF₂) Wedged Window

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Calcium Fluoride (CaF₂) Wedged Windows

Stock #23-849 3-5 DAYS

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1

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A\$436.00

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Abbe Number (v_d):
94.99

Axis Orientation:
Random

Bevel:
Protective as needed

Clear Aperture (%) : 85
Clear Aperture CA (mm) : 21.59
Diameter (mm) : 25.40 +0.0/-0.13
Thickness (mm) : 4.00 ±0.13
Coating : BBAR (2000-5000nm)
Coating Specification : R _{avg} <1.5% @ 2000-5000nm R _{abs} <3.0% @ 2000-5000nm R _{avg} <1.75% @ 2000-4000nm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C) : 18.85
Density (g/cm³) : 3.18
Edges : Fine Ground
Index of Refraction n_d : 1.495
Knoop Hardness (kg/mm²) : 158.3
Poisson's Ratio : 0.26
Substrate : Calcium Fluoride (CaF₂)
Surface Flatness (P-V) : 2λ @ 633nm
Surface Quality : 60-40
Type : Protective Window
Wavelength Range (nm) : 2000 - 5000
Young's Modulus (GPa) : 75.8
Wedge Angle : 30' ±15

Regulatory Compliance

RoHS 2015 : Compliant
Certificate of Conformance : View
Reach 235 : Compliant