

TECHSPEC[®] 75mm Dia. x 5mm Thick, BBAR (2000-5000nm) Coated Calcium Fluoride Window



TECHSPEC Calcium Fluoride (CaF₂) Windows

Stock #23-525 10 TO 12 DAYS

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1

+

₹73,950.00

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Qty 1-10
₹73,950.00
Qty 11+
₹66,555.00
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Abbe Number (v_d):
94.99

Axis Orientation:
Random

Bevel:
Protective as needed

Clear Aperture (%) : 90
Clear Aperture CA (mm) : 67.50
Diameter (mm) : 75.00 +0.0/-0.1
Thickness (mm) : 5.00 ±0.1
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 : 1.434
Knoop Hardness (kg/mm²) : 158.3
Parallelism (arcmin) : <1
Poisson's Ratio : 0.26
Substrate : Calcium Fluoride (CaF ₂) Vacuum UV Grade
Surface Flatness (P-V) : λ/2
Surface Quality : 40-20
Type : Protective Window
Wavelength Range (nm) : 2000 - 5000
Young's Modulus (GPa) : 75.8

Regulatory Compliance

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