

TECHSPEC® 50mm Dia. x 1mm Thick, BBAR (2000-5000nm) Coated Calcium Fluoride Window



TECHSPEC Calcium Fluoride (CaF₂) Windows

Stock **#23-522** 3-4 DAYS

⊖ 1 ⊕ **€302,50**

ADD TO CART

Qty 1-10

€302,50

Qty 11+

€272,25

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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Abbe Number (v_d):
94.99

Axis Orientation:
Random

Bevel:

Protective as needed
Clear Aperture (%) : 90
Clear Aperture CA (mm) : 45.00
Diameter (mm) : 50.00 +0.0/-0.1
Thickness (mm) : 1.00 ±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) : 2λ
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