

TECHSPEC® 12.5mm Diameter, BBAR (1650-3000nm) Coated, Calcium Fluoride Window



TECHSPEC Calcium Fluoride (CaF₂) Windows

Stock **#15-964** [CONTACT US](#)

⊖ 1 ⊕ **A\$264.00**

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Qty 1-10

A\$264.00

Qty 11+

A\$237.60

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Abbe Number (v_d):
94.99

Axis Orientation:
Random

Bevel:
Protective as needed

Clear Aperture (%) : 90
Clear Aperture CA (mm) : 11.25
Diameter (mm) : 12.50 +0.0/-0.1
Thickness (mm) : 2.00 ±0.1
Coating : BBAR (1650-3000nm)
Coating Specification : R _{avg} <1% @ 1650 - 3000nm R _{abs} <2% @ 1650 - 3000nm
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) : 1650 - 3000
Young's Modulus (GPa) : 75.8

Regulatory Compliance

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