

TECHSPEC® 25.4mm Diameter, UV-VIS Coated, Calcium Fluoride Window



TECHSPEC Calcium Fluoride (CaF₂) Windows

Stock **#14-806** 3-5 DAYS

⊖ 1 ⊕ **A\$296.00**

ADD TO CART

Qty 1-10
A\$296.00
Qty 11+
A\$266.40
Volume Pricing
Request Quote

Get Product Downloads



Abbe Number (v_d):
94.99

Axis Orientation:
Random

Bevel:
Protective as needed

Clear Aperture (%): 90
Clear Aperture CA (mm): 22.86
Diameter (mm): 25.40 +0.0/-0.1
Thickness (mm): 3.00 ±0.1
Coating: UV-VIS (250-700nm)
Coating Specification: R _{abs} ≤1.0% @ 350 - 450nm R _{avg} ≤1.5% @ 250 - 700nm
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): 250 - 700
Young's Modulus (GPa): 75.8
Damage Threshold, By Design: 3 J/cm² @ 355nm, 10ns 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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