

TECHSPEC® 25mm Dia. x 3mm Thick, BBAR (2000-5000nm) Coated Barium Fluoride Window



Stock **#23-529** ☐ In Stock

-

1

+

C\$423.50

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Abbe Number (v_d):
81.78

Axis Orientation:
Random

Bevel:
Protective as needed

Clear Aperture (%) : 90.00
Clear Aperture CA (mm) : 22.50
Diameter (mm) : 25.00 +0.0/-0.1
Thickness (mm) : 3.00 ±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) : 18.1
Density (g/cm³) : 4.89
Edges : Fine Ground
Index of Refraction n_d : 1.48
Knoop Hardness (kg/mm²) : 82
Parallelism (arcmin) : <3
Poisson's Ratio : 0.343
Substrate : Barium Fluoride (BaF ₂)
Surface Flatness (P-V) : λ/2
Surface Quality : 60-40
Type : Protective Window
Wavelength Range (nm) : 2000 - 5000
Young's Modulus (GPa) : 53

Regulatory Compliance

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