

TECHSPEC® 12.7mm Dia., 3.18mm Thick, BBAR (1650-3000nm) AR Coated Sapphire Window



Stock #15-992 3-4 DAYS

- 1 + **€84,50**

ADD TO CART

Qty 1-24
€84,50
Qty 25+
€67,50
Volume Pricing
Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Abbe Number (v_d):
72.24

Axis Orientation:
Random

Bevel:
Protective as needed

Birefringence (n_o-n_e): 0.008 for Visible Light Orthogonal to Optical Axis
Clear Aperture (%): ≥90
Clear Aperture CA (mm): 11.43
Diameter (mm): 12.70 ±0.05
Thickness (mm): 3.18 ±0.05
Coating: BBAR (1650-3000nm)
Coating Specification: R _{avg} <1% @ 1650 - 3000nm R _{abs} <2% @ 1650 - 3000nm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 8.8
Density (g/cm³): 3.97
Edges: Fine Ground
Index of Refraction n_d: 1.77
Knoop Hardness (kg/mm²): 1900
Parallelism (arcmin): ≤3.5
Poisson's Ratio: 0.27
Substrate: Sapphire (Al ₂ O ₃)
Surface Flatness (P-V): 2λ (typical)
Surface Quality: 80-50
Type: Protective Window
Wavelength Range (nm): 1650 - 3000
Young's Modulus (GPa): 435

Regulatory Compliance

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