

TECHSPEC® 40mm Dia., 2mm Thick, BBAR (2000-5000nm) AR Coated Sapphire Window



Stock #16-011

3-4 DAYS

-

1

+

£278.38

ADD TO CART

Qty 1-24
£278.38
Qty 25+
£222.70
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) : 36.00
Diameter (mm) : 40.00 ±0.25
Thickness (mm) : 2.00 ±0.10
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) : 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) : 2000 - 5000
Young's Modulus (GPa) : 435

Regulatory Compliance

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