

TECHSPEC® 50mm Square Uncoated, B270 Window

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Abbe Number (v_d):
58.3

Bevel:
Protective as needed

Clear Aperture CA (mm):
45.00 x 45.00

Dimensions (mm): 50.00 x 50.00
Thickness (mm): 3.00
Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 9.4 (+20 to +300°C)
Density (g/cm³): 2.56
Edges: Fine Ground
Index of Refraction n_d: 1.523
Knoop Hardness (kg/mm²): 500
Poisson's Ratio: 0.22
Substrate: B270
Surface Flatness (P-V): 1λ
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 360 - 2700
Young's Modulus (GPa): 71.5
Length (mm): 50.00
Width (mm): 50.00

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 240: Compliant