

50.8mm Dia., 3mm Thick, Uncoated, ISP Optics Thallium Bromiodide (KRS-5) Window | K5-W-50-3

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Thallium Bromiodide (KRS-5) Windows

Stock #16-803 3-5 DAYS

⊖ 1 ⊕

A\$3,512.00

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Bevel:
Protective as needed

Clear Aperture (%):
85

Clear Aperture CA (mm):
43.18

Diameter (mm): 50.80 +0.00/-0.13
Thickness (mm): 3.00 ±0.13
Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 6.0
Density (g/cm³): 7.37
Edges: Fine Ground
Index of Refraction n_d: 2.45 @ 1µm 2.38 @ 4µm 2.37 @ 10µm 2.21 @ 40µm
Knoop Hardness (kg/mm²): 40.2
Parallelism (arcmin): <3
Poisson's Ratio: 0.37
Substrate: Thallium Bromiodide (KRS-5)
Surface Flatness (P-V): λ/10 @ 10.6µm
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 700 - 40000
Young's Modulus (GPa): 31
Model Number: K5-W-50-3

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View