

TECHSPEC®

5mm Dia., 1mm Thick, Uncoated, Magnesium Fluoride Window



Magnesium Fluoride (MgF₂) Windows

Stock #64-092 ☐ In Stock

-

1

+

C\$168.00

ADD TO CART

Qty 1-10

C\$168.00

Qty 11+

C\$151.20

Volume Pricing

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Abbe Number (v_d):
106.22

Bevel:
Protective as needed

Clear Aperture (%):
90

Clear Aperture CA (mm): 4.50
Diameter (mm): 5.00 +0.0/-0.1
Thickness (mm): 1.00 ±0.1
Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 13.7
Density (g/cm³): 3.18
Edges: Fine Ground
Index of Refraction n_d: 1.377
Knoop Hardness (kg/mm²): 415
Parallelism (arcmin): <1
Poisson's Ratio: 0.271
Substrate: Magnesium Fluoride (MgF ₂)
Surface Flatness (P-V): λ/2
Surface Quality: 40-20
Type: Protective Window
Wavelength Range (nm): 120 - 7000
Young's Modulus (GPa): 138

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View