

TECHSPEC® 50mm Diameter 3-12µm AR, Zinc Sulfide Multispectral Window



TECHSPEC® Zinc Sulfide Multispectral Windows

Stock **#64-147** 3-5 DAYS

⊖ 1 ⊕

A\$1,332.00

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Qty 11+
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Bevel:
Protective as needed

Clear Aperture (%):
90.00

Clear Aperture CA (mm):
45.00

Diameter (mm): 50.00 +0.0/-0.1
Thickness (mm): 3.00 ±0.1
Coating: BBAR (3000-12000nm)
Coating Specification: R _{avg} <5.0% @ 3 - 12µm
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 6.8
Density (g/cm³): 4.08
Edges: Fine Ground
Index of Refraction n_d: 2.371
Knoop Hardness (kg/mm²): 210
Parallelism (arcmin): <1
Poisson's Ratio: 0.27
Substrate: Zinc Sulfide Multispectral
Surface Flatness (P-V): λ/10 @ 10.6µm
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 3000 - 12000
Young's Modulus (GPa): 74.5

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View