

50.8mm Dia., 6mm Thick, 30' Wedge, ISP Optics Germanium (Ge) Wedged Window | GE-WW-50-6

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Germanium (Ge) Wedged Windows

Stock #16-811 3-5 DAYS

- 1 + **S\$1,522.50**

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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): 6.00 ±0.13
Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 6.1
Density (g/cm³): 4.84
Edges: Fine Ground
Index of Refraction n_d: 4.002 @ 11µm
Knoop Hardness (kg/mm²): 780
Poisson's Ratio: 0.28
Substrate: Germanium (Ge)
Surface Flatness (P-V): 2λ @ 633nm
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 2000 - 14000
Young's Modulus (GPa): 102.7
Wedge Angle: 30' ±15'
Model Number: GE-VW-50-6

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View