

12.7mm Dia., 2mm Thick, 30' Wedge, ISP Optics Calcium Fluoride (CaF₂) Wedged Window
| CF-WW-12-2

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Calcium Fluoride (CaF₂) Wedged Windows

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£148.75

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Bevel:
Protective as needed

Clear Aperture (%):
85

Clear Aperture CA (mm):
10.80

Diameter (mm): 12.70 +0.00/-0.13
Thickness (mm): 2.00 ±0.13
Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 18.85
Density (g/cm³): 3.18
Edges: Fine Ground
Index of Refraction n_d: 1.495
Knoop Hardness (kg/mm²): 158.3
Poisson's Ratio: 0.26
Substrate: Calcium Fluoride (CaF₂)
Surface Flatness (P-V): 2λ @ 633nm
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 200 - 7000
Young's Modulus (GPa): 75.8
Wedge Angle: 30' ±15
Model Number: CF-WW-12-2

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View