

12.7mm Dia., 1mm Thick, Uncoated, ISP Optics Cadmium Telluride (CdTe) Window | CD-W-12-1

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Cadmium Telluride (CdTe) Windows

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₹27,840.00

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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): 1.00 ±0.13
Coating: Uncoated
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 5.9
Density (g/cm³): 6.2
Edges: Fine Ground
Index of Refraction n_d: 2.653 @ 10µm
Knoop Hardness (kg/mm²): 54
Parallelism (arcmin): <3
Poisson's Ratio: 0.41
Substrate: Cadmium Telluride (CdTe)
Surface Flatness (P-V): 2λ per inch @632.8nm
Surface Quality: 60-40
Type: Protective Window
Wavelength Range (nm): 1000 - 25000
Young's Modulus (GPa): 36.52
Model Number: CD-W-12-1

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View