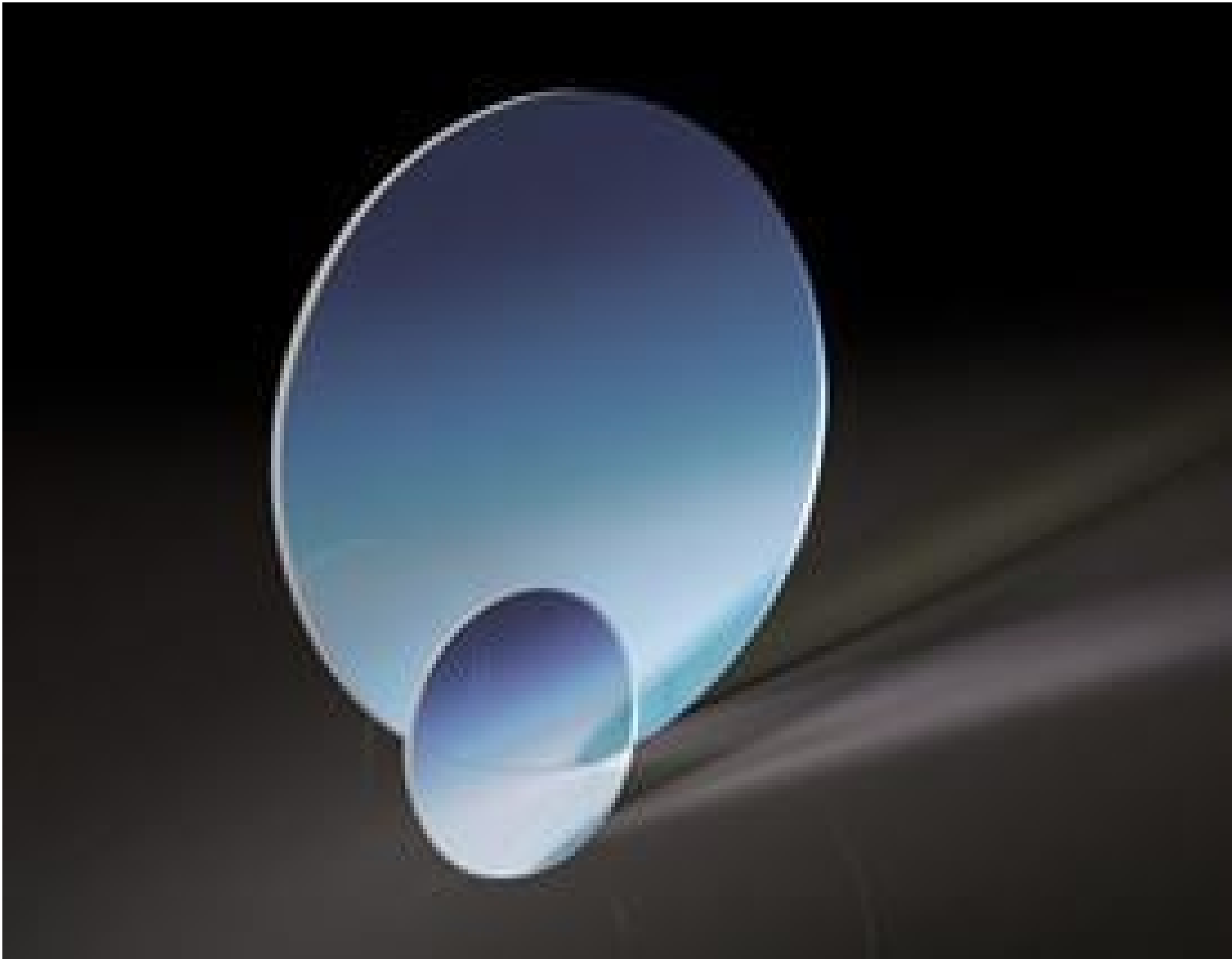


50mm Dia. 1064nm Laser Debris Shield



Laser Debris Shields

Stock **#36-299** ☐ In Stock



1



C\$140.00

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Qty 1-5

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C\$119.00

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Bevel:
Break Edges

Clear Aperture CA (mm):
42.50

Coating:
Laser V-Coat (1064nm)

Coating Specification: R_{abs} <0.25% @ 1064nm R_{avg} <0.5% 1030 - 1090nm
Diameter (mm): 50.00 ±0.1
Thickness (mm): 2.00 +0.15/-0.00
Design Wavelength DWL (nm): 1064
Parallelism (arcmin): <45
Substrate: Fused Quartz
Surface Quality: 40-20
Transmitted Wavefront, P-V: λ/2 (70% of Dia.)
Type: Protective Window
Young's Modulus (GPa): 73
Coefficient of Thermal Expansion CTE (10⁻⁶/°C): 0.52
Density (g/cm³): 2.2
Index of Refraction n_d: 1.458
Poisson's Ratio: 0.16
Abbe Number (v_d): 67.8
Edges: Fine Ground
Damage Threshold, By Design: 20 J/cm² @9.8ns

Regulatory Compliance

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